



(F) Télécommande universelle - Notice d'emploi permet de commander la presque totalité des téléviseurs, récepteurs satellite, lecteurs et enregistreurs DVD, lecteurs CD et autres appareils pouvant être commandés par infrarouge.

### **1) À lire impérativement**

Préprogrammée pour commander jusqu'à 12 appareils, cette télécommande est destinée à remplacer des télécommandes d'origine endommagées ou égarées. Si elle commande les fonctions de base des appareils pour lesquels elle a été réglée, elle n'est cependant pas conçue pour suppléer à toutes les fonctions des télécommandes d'origine. Pour pouvoir commander vos appareils, vous devez régler auparavant la télécommande de la manière décrite dans la section « Entrée des codes ».

### **2) Mise en place des piles**

Ouvrez le compartiment des piles, au dos de l'UR, en poussant légèrement le verrouillage du couvercle vers le haut, puis placez dans le compartiment 1 pile CR 2032. Veillez à respecter la polarité, c'est-à-dire à faire coïncider les marques « + » et « - » figurant sur les piles avec celles indiquées dans le compartiment. Pour vérifier le bon fonctionnement de la télécommande, appuyez sur la touche PWR. Si tout est correct, le voyant rouge clignote lorsque vous appuyez sur la touche.

Batterie au lithium:

Attention: Danger d'explosion si la batterie est incorrectement remplacée.

Ne remplacez la batterie qu'avec le même modèle, ou avec un modèle recommandé par le constructeur. Traitez les batteries usagées selon les instructions du fabricant, ou selon les normes écologiques en vigueur.

### **NOTE IMPORTANTE :**

Les indications figurant sur les touches (TV1/TV2\*), (SAT1/SAT2\*), (DVB1/DVB2\*) (DVD1/DVD2\*) et (VCR1/VCR2\*), (AUX1/AUX2\*) ne constituent qu'une orientation.

Chacune de ces touches vous permet en effet de régler tous types d'appareils. Si vous ne trouvez aucun code adéquat pour un appareil donné, recherchez-en un par la fonction de recherche de code.

\*) : Chaque touche a une double affectation, de sorte que les 6 touches commandent 12 appareils différents.

Appuyez sur une touche une fois pour l'affecter à un premier appareil (TV par exemple) puis après, entrez un code d'appareil (voir la liste ci-dessous en fonction des marques) pour lui enregistrer cette affectation.

Une double impulsion en moins d'une seconde sur cette même touche correspondra à la sélection d'un deuxième appareil affecté à cette touche (lecteur CD par exemple) pour lequel vous entrerez ensuite un code d'appareil (voir la liste ci-dessous en fonction des marques) pour lui enregistrer cette affectation. Et ainsi de suite avec les autres touches de la télécommande.

### **Entrée des codes**

Les codes de commande corrects peuvent être, soit entrés directement (manuellement), soit trouvés au moyen de la recherche automatique de code.

#### **3) Entrée directe de code manuel**

Veillez noter dans la liste de codes ci-jointe ceux qui peuvent correspondre à la marque et au type de votre appareil.

Pour régler votre téléviseur, veuillez procéder comme suit :

1). Recherchez dans la liste de codes jointe ci-après ceux qui permettent de commander les téléviseurs (TV) de la marque du vôtre. Il est possible que plusieurs codes correspondent. Cherchez alors celui qui est le mieux adapté

2). Allumez votre téléviseur sur une chaîne quelconque.

3). Appuyez sur la touche SET en la maintenant enfoncée et appuyez simultanément sur une touche appareil, (TV\*) par exemple, jusqu'à ce que le voyant rouge s'allume.

4). Entrez ensuite l'un des codes à trois chiffres que vous avez sélectionnés.

5). Quand vous appuyez sur la première et la deuxième touche numériques, le voyant s'éteint brièvement, puis il s'éteint complètement lorsque vous tapez le troisième chiffre.

6). Vérifiez le fonctionnement. S'il est correct, réglez la télécommande pour vos autres appareils comme indiqué aux paragraphes 1 à 5. Sinon, essayez un autre des codes correspondant à la marque.

#### **4) Recherche de code**

Pour pouvoir commander un téléviseur :

- 1). Allumez votre téléviseur sur une chaîne quelconque (directement sur le téléviseur ou via la télécommande d'origine).
- 2). Appuyez sur la touche SET en la maintenant enfoncée et appuyez simultanément sur une touche appareil, TV\*) par exemple, jusqu'à ce que le voyant rouge s'allume.
- 3). Appuyez de nouveau brièvement sur la touche SET, le voyant clignote.
- 4). Appuyez toutes les 2 secondes environ sur la touche PWR.
- 5). Si votre téléviseur s'éteint, appuyez quelques instants plus tard sur la touche appareil (TV\*), afin de mémoriser le code trouvé.
- 6). Le voyant s'éteint et la recherche est alors terminée.
- 7). Vérifiez le fonctionnement. S'il est correct, réglez la télécommande pour vos autres appareils comme indiqué aux paragraphes 1 à 6. Si la commande ne fonctionne pas, continuez votre recherche comme indiqué aux paragraphes 1 à 6.

#### **5 Recherche de code automatique**

Pour pouvoir commander un téléviseur :

- 1). Allumez votre téléviseur sur une chaîne quelconque (directement sur le téléviseur ou via la télécommande d'origine).
- 2). Appuyez sur la touche appareil avec laquelle vous souhaitez commander un appareil, par exemple TV\*).
- 3). Appuyez ensuite durant 5 secondes environ sur la touche SET jusqu'à ce que le voyant rouge s'allume.
- 4). Relâchez la touche SET et dirigez l'UR (télécommande) sur l'appareil à commander. La télécommande envoie alors toutes les 2 secondes environ un signal d'essai.
- 5). Si votre téléviseur s'éteint, appuyez brièvement sur SET afin de mémoriser le code trouvé.
- 6). Le voyant s'éteint et la recherche est alors terminée.
- 7). Vérifiez le fonctionnement. S'il est correct, réglez la télécommande pour vos autres appareils comme indiqué aux paragraphes 1 à 6. Si la commande ne fonctionne pas, continuez votre recherche en reprenant les paragraphes 1 à 6.

#### **6 Commande des appareils**

Pour piloter un appareil déterminé, sélectionnez d'abord un appareil, par une simple impulsion (par exemple TV), puis ensuite appuyez sur les touches de fonctions désirées. Une double impulsion en moins d'une seconde sur cette même touche correspondra à la sélection du deuxième appareil affecté à cette touche (lecteur CD par exemple) que vous piloterez aussi avec les touches de fonctions désirées.

Et ainsi de suite avec les autres touches que vous aurez programmées pour vos autres appareils.

Remarques pour le réglage de volume : Pour les appareils ne possédant pas de réglage de volume, (magnétoscopes, lecteurs DVD, etc.) vous pouvez commander le volume du téléviseur sans être obligé de sélectionner la touche TV.

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device                 | TV  | VCR   | AUX   | SAT                      |
|------------------------------|---|---|---|--------------------------|
| <b>A.R.SYSTEMS</b>           | 102,154,156   |   |   |                          |
| <b>ACCENT</b>                | 167,187   | 261,283   |   |                          |
| <b>ACTION</b>                | 167   |   |   |                          |
| <b>ADMIRAL</b>               | 133,167,218,232,233,245,<br>247,742,744   | 278   |   |                          |
| <b>AFREEV</b>                |   |   | 768(DVD)  |                          |
| <b>AGASHI</b>                | 102,105   | 250,283   |   |                          |
| <b>AIKO</b>                  | 155,167,177   |   |   |                          |
| <b>AIM</b>                   | 101,102,103,105,156,169,<br>188,236   |   |   |                          |
| <b>AIOSTAY</b>               | 167,230   | 261   |   |                          |
| <b>AIWA</b>                  | 504,660,717   | 261,263,280,<br>578,591,660                                     | 586,589,<br>626(DVD),661,<br>665<br>812(HIFI)<br>843(DVD)                                 | 404                      |
| <b>AKAI</b>                  | 102,103,105,110,130,155,<br>164,167,169,176,177,188,<br>192,207,209,216,227,229,<br>230,231,246,249,534,550,<br>698 | 250,252,253,254,<br>256,265,279,282,<br>285,287,289,290,<br>908 | 296(TLV)<br>593(DVD)<br>629(DVD)<br>641(DVD)<br>806,<br>816(HIFI)<br>865(DVD)<br>882(DVD) | 319,350,916              |
| <b>AKI</b>                   | 155   |   |   |                          |
| <b>AKIBA</b>                 |   | 283   |   |                          |
| <b>AKIRA</b>                 | 101,104   |   |   |                          |
| <b>AKURA</b>                 | 101,102,167,177,187,227,<br>229   |   |   |                          |
| <b>ALBA</b>                  | 102,177,230,501   |   |   | 333,334,335,338          |
| <b>ALBIRAL</b>               | 102,105,149,154,156,181,<br>182,187,205,210,230   | 250   |   |                          |
| <b>ALDES</b>                 |   |   |   | 365                      |
| <b>ALHORI</b>                | 155   |   |   |                          |
| <b>ALLOGRAN</b>              | 155,220,223,544   |   |   |                          |
| <b>ALLSAT</b>                |   |   |   | 315,377                  |
| <b>ALLSONIC</b>              |   |   |   | 365                      |
| <b>AMPLIVISION</b>           | 155,156   |   |   |                          |
| <b>AMSTRAD</b>               | 105,167,187,188,233,497   | 261   |   | 343,361,369,371,411, 936 |
| <b>ANEX</b>                  | 102   |   |   |                          |
| <b>ANGLO</b>                 | 187   | 261   |   |                          |
| <b>ANIKARO</b>               |   |   |   | 339,365                  |
| <b>ANITEC</b>                |   | 252,283   |   |                          |
| <b>ANITECH</b>               | 102,105,127,167,205,210,<br>234   |   |   |                          |
| <b>ANSONIC</b>               | 102   |   |   |                          |
| <b>ANTECNO</b>               | 177   |   |   |                          |
| <b>APEX</b>                  |   |   | 601(DVD)  |                          |
| <b>APHEL SOUND</b>           |   | 261   |   |                          |
| <b>ARCENCIEL&gt;THOMSON</b>  |   |   |   |                          |
| <b>ARCELIK</b>               | 102,115,191,200,230,239,<br>242,403,487,585   |   | 784,794,797,810,<br>817,<br>862(DVD),<br>867(DVD),<br>874(DVD)                            | 935                      |
| <b>ARCON</b>                 |   |   |   | 361,382                  |
| <b>ARDEM</b>                 | 403   |   |   |                          |
| <b>ARISTONA &gt; PHILIPS</b> |   |   |   |                          |
| <b>ART TECH</b>              | 102,167,209   | 252   |   |                          |
| <b>ASA</b>                   | 114,124,125,131,132,136,<br>218,231   | 252,261,289   | 298,299(AUX)  | 323,326                  |
| <b>ASBERG</b>                | 102,105,127,207   |   |   |                          |
| <b>ASHIN</b>                 |   |   |   | 361                      |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device   | TV  | VCR                     | AUX  | SAT   |
|----------------|---|-------------------------|--|---|
| ASIASAT        |   |                         |  | 410,442                                     |
| ASSAHI         |   |                         | 859 (DVD)  | 947   |
| AST            |   |                         |  | 341,353,493                                 |
| ASTELINK       |   |                         |  | 413   |
| ASTHON         | 102   |                         |  |   |
| ASTON          | 473   |                         |  | 377,763                                     |
| ASTRA          | 102,105,156,164,167,230,<br>465,477,696,697,710,                            | 261                     |  | 353,384                                     |
| ASTRO          |   |                         |  | 322,376                                     |
| ASTRO SOUND    | 102,156,205,210,230   |                         |  |   |
| ASUKA          | 177,230   | 283,289                 |  |   |
| ATAKI          | 465   |                         |  |   |
| ATALANTA       |   |                         |  | 407   |
| ATLANTA        |   |                         |  | 303,394,426,691,911,917                     |
| ATLANTIC       | 102,107,115,234,544   | 250,278,289             |  |   |
| ATORO          | 167   |                         |  |   |
| AUDIO DYN.     |   | 276                     |  |   |
| AUDIO STAR     | 177,465   |                         |  |   |
| AUDIOSONIC     | 102,105,115,149,154,155,<br>167,177,187,205,215,221,<br>403,551,733         | 283,289                 | 831(DVD)   |   |
| AUDIOSTAR      | 177,465   |                         |  |   |
| AUDIOTON       | 155,167,177,234,465   |                         |  |   |
| AURORA         | 133,155,167,169   |                         |  |   |
| AUSIND         | 121   |                         |  |   |
| AUTHENTIC      |   | 290                     |  |   |
| AUTOVOX        | 102,124,129,130,151,155,<br>167,169,209,220,223,503,<br>544,545,695,744     | 252,289                 |  |   |
| AUVISAT        | 734   |                         |  |   |
| AWA            | 102,105,155,161,167,169,<br>209   | 250,265                 |  |   |
| AWATRON        |   | 261                     |  |   |
| BAFF           |   |                         |  | 415   |
| BAFTEC         |   |                         |  | 678   |
| BAIRD          | 209,236   | 278,279,290             |  |   |
| BANG & OLUFSEN | 102,105,133   | 250,252,290             |  |   |
| BARCO          | 133,144,145,147,181,182,<br>184,230,236                                     |                         |  |   |
| BARCOM         |   |                         |  | 339   |
| BARID          |   | 278                     |  |   |
| BASIC LINE     | 102,177,220,223,224,465,<br>727   |                         |  |   |
| BAUER-BOSCH    |   | 252,253,254,255         |  |   |
| BAUR           | 101,102,104,105,110,111,<br>112,158,159,167,220,222,<br>223,227,246,723     | 250,253,254,256,<br>257 | 296 (PIP)  | 319,320                                     |
| BAZIN          | 138,155,221   |                         |  |   |
| BEAULIEU       |   | 252                     |  |   |
| BEKO           | 102,105,115,191,200,221,<br>230,239,242,244,249,403,<br>478,487,585,720,733 |                         | 720,784,794,797,<br>810,817,<br>862(DVD)<br>867(DVD)<br>874(DVD) | 474,488,524,935                             |
| BEKOTEKNIK     | 106   |                         |  |   |
| BENJAMIN       |   |                         |  | 405,441,444,539,542,559,689,<br>690,944,972 |
| BEON           | 207   |                         |  | 431   |
| BERTONE        |   |                         | 880(DVD)   |   |
| BESAT          |   |                         |  | 541   |
| BEST           |   |                         |  | 322,339                                     |
| BIFONIC        | 155,167   |                         |  |   |
| BIGSTON        | 167,169,187   |                         |  |   |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device      | TV   | VCR                             | AUX                                 | SAT                     |
|-------------------|--|---------------------------------|-------------------------------------|-------------------------|
| BLAUPUNKT         | 110,111,112,113,117,119,<br>154,161,171,173,176,464,4<br>98,551            | 250,253,254,255,<br>260,904,905 | 304(TLV)<br>296(PIP)                | 319,322                 |
| BLAUSONIC         | 155  |                                 |                                     |                         |
| BLUE STAR         | 230  |                                 |                                     |                         |
| BLUESKY           | 102,727,734  |                                 |                                     | 374                     |
| BOFTEC            |  |                                 |                                     | 687                     |
| BONDSTEC          |  | 283                             |                                     |                         |
| BOSCH > BLAUPUNKT |  |                                 |                                     |                         |
| BOSCHMANN         |  |                                 | 863(DVD)                            |                         |
| BOTECH            |  |                                 |                                     | 564,566,673             |
| BOTS              |  |                                 | 967(HIFI)<br>968(HIFI)<br>969(HIFI) |                         |
| BRAIN WAVE        |  |                                 |                                     | 374                     |
| BRANDT>THOMSON    |  |                                 |                                     |                         |
| BRAUN             |  | 260                             |                                     |                         |
| BRENDSTAR         | 167  |                                 |                                     |                         |
| BRIONVEGA         | 102,103,133,135,136,144,<br>152,153,202,232,233,503,<br>509,721            | 252,272,278,290                 |                                     |                         |
| BRITANNIA         | 102,155,228  |                                 |                                     |                         |
| BROTHER           | 187,477,708  |                                 |                                     |                         |
| BRUNOR            |  |                                 |                                     | 337                     |
| BRUNS             | 133,203,205,210,227  | 283                             |                                     | 365                     |
| BSR               | 221,226,497,501,546  |                                 |                                     |                         |
| BUSH (ATAKI)      | 222,229,230,465  | 283                             |                                     | 333,338                 |
| C. EDISON         |  | 272,290                         |                                     |                         |
| CALIBER           |  |                                 |                                     | 416,454,523,527,563,572 |
| CAMBRIDGE         |  |                                 |                                     | 366,367                 |
| CAMPER            | 221  |                                 |                                     |                         |
| CANAL +           |  |                                 |                                     | 398                     |
| CANON             |  | 255,260                         |                                     |                         |
| CAPSONIC          | 102,187  |                                 |                                     |                         |
| CARTEL            | 895  |                                 |                                     |                         |
| CASIO             | 102,103  | 261,285                         |                                     |                         |
| CBM               | 127  |                                 |                                     |                         |
| CENTURY           | 133,149  |                                 |                                     |                         |
| CGE               | 102,105,115,127,143,149,<br>167,172,177,207,221,229,<br>230,234,247<br>741 | 250,261,278,290                 | 305(VT)                             |                         |
| CGM               | 102,106,115,167,187,403,<br>465,532  | 278,289                         |                                     |                         |
| CH. MASTER        |  |                                 |                                     | 334                     |
| CHAPARRAL         |  |                                 |                                     | 373                     |
| CHEROKEE          |  |                                 |                                     | 368,653,940             |
| CIE               | 167,169,177,546  | 284                             |                                     |                         |
| CIHAN             | 102,105,221,230  |                                 |                                     |                         |
| CIMLINE           |  | 283                             |                                     |                         |
| CITIZEN           |  | 289                             |                                     |                         |
| CITY COM          |  |                                 |                                     | 364,379                 |
| CLARION           |  |                                 | 820(DVD)                            |                         |
| CLARIVOX          | 102,105,128,133,149,154,<br>156,203,214,215                                | 250,255                         |                                     |                         |
| CLATRONIC         | 490  |                                 |                                     |                         |
| CPREMIER          |  |                                 | 669(VCD)                            |                         |
| COFADEL           | 147,191,197,201  |                                 |                                     |                         |
| COLUMBUS          |  |                                 |                                     | 368                     |
| COMPACT           |  |                                 | 461                                 |                         |
| COMPUTRON         | 102,105,167,188,231,512  |                                 |                                     |                         |
| CONCORDE          | 167  | 250                             |                                     |                         |
| CONCRYPT          |  |                                 | 461                                 |                         |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device       | TV  | VCR                         | AUX  | SAT             |
|--------------------|---|-----------------------------|--|-----------------|
| CONDOR             | 102,105,127,167,187,205,<br>207,210,234,738                         | 250,278                     |  | 753             |
| CONIC              | 164   | 250                         |  |                 |
| CONRAD             | 727   |                             |  |                 |
| CONNEXION CX       |   |                             |  | 340,358,359,390 |
| CONTEC             | 155,157,161,167,187,546   |                             |  |                 |
| CONTI              | 102,105   |                             |  |                 |
| CONTIN. FR         | 102,512   |                             |  |                 |
| CONTIN.EDISON      | 137,146,147,174,191,192,<br>197,200,201,543                         | 272,290                     |  |                 |
| CORVUS             |   | 261                         |  |                 |
| COSHIP             |   |                             |  | 936,937         |
| COSMEL             | 167,215   |                             |  |                 |
| COSMOS/TOKAI       | 102,167   |                             |  |                 |
| CROSLEY            | 116,127,133,143,149,172,<br>235                                     | 272                         | 302(VT)  |                 |
| CROWN/ONWA<br>SAKY | 102,106,115,116,127,167,<br>177,187,188,207,403,465,<br>532         | 261,272,283                 |  |                 |
| CRYSTAL            | 102   |                             |  |                 |
| CS ELECTR.         | 177   |                             |  |                 |
| CTC CLATRONIC.     | 102,115,127,149,155,177,<br>187,205,207,210,490                     |                             |  |                 |
| CURTIS             | 105   |                             |  |                 |
| CVS                |   |                             | 881(DVD)   | 917             |
| CYBER HOME         |   |                             | 768(DVD)   |                 |
| CYFEA PLUS         |   |                             |  | 398             |
| CYMATIC            | 154,155,221,230   |                             |  |                 |
| D-VISION           | 102   |                             |  |                 |
| DAEWOO             | 102,103,105,149,151,155,<br>167,169,177,209,216,466,<br>551,704,705 | 250,251,704,902,<br>903     | 613(DVD)<br>637(DVD)<br>638(DVD)<br>668,<br>844(DVD)     |                 |
| DANSAI             | 164,187   | 283                         |  |                 |
| DAUMLING           |   |                             |  | 452             |
| DAWA               | 102,105   |                             |  |                 |
| DAYTE              |   |                             |  | 418,424         |
| DDC                |   |                             |  | 334             |
| DE GRAAF           | 222   | 252,261,278                 |  |                 |
| DECCA              | 102,104,105,154,155,160,<br>204,209                                 | 250,252,259,261,<br>264,290 |  |                 |
| DELTA              |   |                             | 880(DVD)   |                 |
| DEMA COLOR         |   | 278                         |  |                 |
| DENON              |   |                             | 622(DVD)<br>623(DVD)<br>640(DVD)<br>834(DVD)<br>844(DVD) |                 |
| DENVER             | 102,167   |                             |  |                 |
| DESMET             | 102,105,154,167,230,234   | 250                         |  |                 |
| DIAMOND            | 167,169   |                             |  |                 |
| DIGILINE           | 102   |                             |  |                 |
| DIGISTAR           |   |                             |  | 926             |
| DIGITURK           |   |                             |  | 777             |
| DIJITURK           |   |                             |  | 100,481         |
| DIORA              |   |                             | 863(DVD)   | 915             |
| DISCOVERY          |   |                             |  | 918,931,912     |
| DISISTRAD          |   |                             |  | 315             |
| DISK EXPR          |   |                             |  | 333,339         |
| DIVITONE           |   |                             |  | 921             |
| DIXI               | 167   |                             |  |                 |
| DNT                |   |                             |  | 318             |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device         | TV  | VCR             | AUX                  | SAT   |
|----------------------|---|-----------------|----------------------|---|
| DOMEOS               | 102,702   |                 |                      |   |
| DOMOH                | 102   | 289             |                      |   |
| DONATEC              |   |                 |                      | 339,372                                     |
| DORIC                | 121,235,741   |                 |                      |   |
| DRAKE                |   |                 |                      | 372   |
| DUAL                 | 101,102,105,108,114,149,<br>155,167,220,223,227,229,<br>230,233,283,497                 | 250,252,261,290 |                      |   |
| DUAL-TEC             | 101,102,105,108,114,149,<br>155,167,220,223,227,229,<br>230,233,497,551,701,702,<br>723 | 250,252,261,290 |                      |   |
| DUMONT               | 102,105,114,125,127,131,<br>132,133,171,205,207,210,<br>235                             | 250,252,261,278 | 298(PA)<br>299(AUX)  | 323,326                                     |
| DUX                  | 102,105   |                 |                      |   |
| DVD                  |   |                 | 891(DVD)             |   |
| DYNAMIC              | 167   |                 |                      |   |
| DYNASAT              |   |                 |                      | 364, 947                                    |
| DYNATECH             |   | 261             |                      |   |
| DYNISTY              | 102,169   |                 |                      |   |
| ECHOSTAR             |   |                 |                      | 355,368,380,381,390,432,446,<br>580,745,958 |
| EDAN LINE            | 102,236   | 278             |                      |   |
| EDAN LINE > FORMENTI |   |                 |                      |   |
| EDISON               |   | 283             |                      |   |
| ELECTRO TECH         | 167   |                 |                      |   |
| ELBE                 | 109,154,155,156,161,197,<br>202,230,232,233,235,245,<br>247,555,726                     | 261,276,278,289 |                      |   |
| ELEKTA               |   | 903             |                      |   |
| ELEKTRONSKA          | 154,230   |                 |                      |   |
| ELIN                 | 102,105,114,155,167,227,<br>231   | 282,250         |                      | 350   |
| ELITE                | 171,234,742   |                 |                      |   |
| ELMAN                | 205,210,230,497   |                 |                      |   |
| ELSA                 |   |                 |                      | 923   |
| ELTA                 | 180   | 261,283         | 598(DVD)<br>599(DVD) |   |
| ELTA SAT             |   |                 |                      | 377   |
| ELTAX                |   |                 | 845(DVD)             |   |
| EMERSON              | 102,105,106,115,125,127,<br>131,133,149,155,187,205,<br>210,230,234                     | 250,261,278,289 | 602(DVD)             |   |
| EMME ESSE            |   |                 |                      | 364,365,382,745                             |
| ENGEL                | 203,230   |                 |                      |   |
| EROSAT               |   |                 |                      | 421   |
| ESSELTE              |   | 261,283         |                      |   |
| ETRON                | 167,188,513   |                 |                      |   |
| EUMIG                |   | 278             |                      |   |
| EURIEULT             |   |                 |                      | 385,386                                     |
| EUROCOM              | 230   |                 |                      |   |
| EUROLINE             | 732   |                 |                      |   |
| EUROGRAFF            |   |                 |                      | 521   |
| EUROMAN              | 102,105,116,155   | 250             |                      |   |
| EUROPHON             | 149,154,155,205,210,213,<br>230   |                 |                      |   |
| EUROSAT              |   |                 |                      | 377,421                                     |
| EVERESE              |   |                 | 861(DVD)             |   |
| EXCEL                |   | 278             |                      |   |
| EXPER                |   |                 |                      | 419   |
| EXPERT               | 107,198,220   |                 |                      |   |
| FAGOR                | 230,467   |                 |                      |   |



**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device       | TV  | VCR   | AUX                  | SAT                                 |
|--------------------|---|---|----------------------|-------------------------------------|
| FAIR VIDEO         |   | 289   |                      |                                     |
| FAIT               |   |   |                      | 364,390                             |
| FALCON             | 167   |   |                      |                                     |
| FENNER             | 102,105,167,169   | 250,283   |                      |                                     |
| FIDELIS            | 102,105,155,164,167   | 250   |                      |                                     |
| FIDELITY           | 146,149,155,164,177,186,<br>188,200,220,223,228,230   | 261,275,283                                     |                      | 371                                 |
| FILMNET            |   |   | 461                  | 315                                 |
| FILSAI             | 155,167   |   |                      |                                     |
| FINEPASS           |   |   |                      | 957                                 |
| FINLANDIA          | 221,222   | 252,278   |                      |                                     |
| FINLUX             | 102,105,114,121,124,125,<br>131,132,151,154,167,205,<br>207,209,210,227,231,235,<br>511,550,698 | 250,252,260,261,<br>271,278,278,282,<br>283,289 | 298(PA)<br>299(AUX)  | 323,324,326,350                     |
| FIRST LINE         | 102,103,105,128,149,155,<br>156,157,167,169,209,220,<br>223,224,227,229,230,232,<br>234,727     | 261,264,283,289                                 |                      |                                     |
| FISHER             | 106,114,133,155,157,161,<br>162,163,166,203,220,223,<br>235,236,246,723                         | 278   | 597(DVD)             |                                     |
| FLINT              | 102,216,726   |   |                      |                                     |
| FM                 |   |   |                      | 377                                 |
| FOBEM              |   |   |                      | 408,525                             |
| FOCUS              |   |   |                      | 569,930                             |
| FORMENTI           | 102,105,115,121,127,133,<br>154,155,167,171,187,205,<br>207,210,221,230,234,235,<br>497         | 250,252,272,278,<br>289                         |                      |                                     |
| FORMENTI > PHOENIX |   |   |                      |                                     |
| FORTRESS           | 133   |   |                      |                                     |
| FORTEC STAR        |   |   |                      | 941                                 |
| FRABA              | 102   |   |                      |                                     |
| FRACARRO           |   |   |                      | 345,347,364                         |
| FRAU HOLLE         |   |   |                      | 452                                 |
| FRONTECH           | 102,149,151,155,164,167,<br>222,230,497   |   |                      |                                     |
| FTE                |   |   |                      | 370,382,388                         |
| FUBA               |   |   |                      | 322,339,343,355,368,386,390,<br>391 |
| FUJISAT            |   |   |                      | 932                                 |
| FUJITEC            | 102   |   | 669(VCD)<br>671(VCD) |                                     |
| FUJITSU            | 102,108,132,155,164,177,<br>205,210,226,233,544,545   | 261   |                      |                                     |
| FUJIYAMA           |   |   | 820(DVD)             | 946                                 |
| FUMEO              | 226   |   |                      |                                     |
| FUNAI              | 161,167,187,546   | 261,283   |                      |                                     |
| G SAT              |   |   |                      | 331,354                             |
| GALACTEX           | 155,187   |   |                      |                                     |
| GALAXI             | 102,125   |   |                      |                                     |
| GALAXIS            | 102,115,125,207   |   |                      | 365,377,398                         |
| GALAXY             | 110,115,125,127,155,205,<br>207,210   |   |                      |                                     |
| GALERIA            | 167   |   |                      |                                     |
| GAMMA              |   |   |                      | 538                                 |
| GBC                | 102,105,149,161,167,169,<br>177,188,209,218,230,235,<br>465                                     | 250,271,283,903                                 |                      |                                     |
| GE                 | 200   | 290   |                      |                                     |
| GEBER              | 220,223,224   | 272   |                      |                                     |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device    | TV  | VCR   | AUX   | SAT             |
|-----------------|---|---|---|-----------------|
| GEC             | 141,154,155,161,209,220,<br>221,222,235,547   | 252,272,283                                     |   |                 |
| GEIMA           |   |   |   | 444             |
| GELESO          | 149,154,167,169,177,218,<br>230,235   | 271,283   |   |                 |
| GENERAL STAR    | 463   |   |   |                 |
| GENERAL TECHNIC | 167   |   |   |                 |
| GENERAL         |   | 255,261,283                                     |   |                 |
| GIANT           | 102,105,155,195,495   |   |   |                 |
| GITEM           | 102,105,111,112,191,200,<br>224,225   |   |   |                 |
| GM              | 102,167,187   |   |   | 407             |
| GMG             | 102,167,187,207   |   |   |                 |
| GMI             |   |   |   | 407,426         |
| GOLD            |   |   |   | 525             |
| GOLDBOX         |   |   |   | 398             |
| GOLDEN CABLE    |   |   |   | 387,394         |
| GOLDFUNK        | 532   |   |   |                 |
| GOLDHAND        |   | 283   |   |                 |
| GOLDMASTER      |   |   |   | 682,685,760,925 |
| GOLDMEDAL       |   | 261,283   |   |                 |
| GOLDSTAR        | 102,105,108,117,123,151,<br>155,164,167,206,211,222,<br>226,230,463,533,702,730,<br>735 | 250,253,261,276,<br>289                         | 309,<br>846(DVD)<br>856(DVD)  | 322,363         |
| GOODING         | 512   | 902   |   |                 |
| GOODMANS        | 102,103,105,155,161,167,<br>169,177,188,200,230,478,<br>532,551                         | 261,264,283                                     | 841(DVD)  |                 |
| GORENJE         | 102,106,115,116,220,223   |   |   |                 |
| GO-VIDEO        |   |   | 625(DVD)<br>630(DVD)  |                 |
| GPM             | 177,167   |   |   |                 |
| GR 15           |   | 283   |   |                 |
| GRAETZ (ITT)    | 478,699,729,733   | 272,278,290                                     |   |                 |
| GRANADA         | 102,105,128,154,155,161,<br>176,184,195,221,222,228,<br>235,239,248,289,495,553,<br>712 | 250,252,255,260,<br>262,264,272,275,<br>278,290 |   |                 |
| GRANDIN         | 102,198,220,230,234,235,<br>726   | 272,283,289                                     |   |                 |
| GREAT WALL      | 187,215,216   |   |   |                 |
| GRENADIER       | 102,167,230,463   |   |   |                 |
| GRONIC          | 102,105,155,167,203,205,<br>210,230   | 250   |   |                 |
| GROTHUSEN       |   |   |   | 363             |
| GRUNDIG         | 102,103,105,110,111,112,<br>113,117,126,128,167,234,<br>512,549,551,722,905             | 250,251,253,254,<br>255,905                     | 296(VL),297(AV)<br>612(DVD)<br>837(DVD)<br>887(DVD)<br>948,949,<br>951(DVD)<br>953(DVD)<br>959(DVD)<br>960(DVD) | 319,320,322,750 |
| GTT             | 102,167,207,465   |   |   |                 |
| GURUNDIG        |   |   | 887(DVD)  |                 |
| H.KARDOM        |   | 276   | 595(DVD)<br>644(DVD)  |                 |
| HAMERSTEIN      | 155,168,187,189   |   |   |                 |
| HAMPTON         | 155,235   |   |   |                 |
| HANIMEX         | 177   |   |   |                 |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device      | TV  | VCR                                 | AUX  | SAT         |
|-------------------|---|-------------------------------------|--|-------------|
| HANSEATIC         | 101,102,111,112,154,155,<br>161,167,220,222,223,227,<br>234,235,546,551,705,730   | 250,252,253,254,<br>272,276,283,289 |  | 320         |
| HANTAREX          | 102,154,167   | 252,289                             |  |             |
| HARMAN            |   |                                     | 595(DVD)<br>644(DVD)<br>848(DVD)   |             |
| HARMON KARDON     |   |                                     |  |             |
| HARWARD           |   |                                     |  | 923         |
| HAUPPAUGE         |   |                                     |  | 769         |
| HCM               | 155,167,180,230,465   | 283                                 |  |             |
| HELIOCOM          |   |                                     |  | 347         |
| HEMMERMANN        | 155,199,205,210,220,223   |                                     |  |             |
| HERZ              |   |                                     |  | 923         |
| HEXA              | 214,230   |                                     |  |             |
| HI FI VOX>THOMSON |   |                                     |  |             |
| HIGASHI           | 155   |                                     |  |             |
| HILINE            | 167,187,188   |                                     |  |             |
| HINARI            | 102,160,164,167   | 283                                 |  | 331,334     |
| HIRSCHMANN        |   |                                     |  | 322,324,362 |
| HISENSE           | 222,236   |                                     |  |             |
| HISONIC           | 166   |                                     |  |             |
| HITACHI           | 103,155,161,164,192,197,<br>206,220,221,222,223,230,<br>231,235,242,243,244,496,<br>506,547,548,550,551,705,<br>724,741 | 250,261,262,272,<br>281,282,290     | 311(TLV)<br>608(DVD)<br>627(DVD)<br>635(DVD)<br>636(DVD)<br>840(DVD)<br>847(DVD)<br>850(DVD) | 350         |
| HITEMER           |   |                                     | 851(DVD)<br>852(DVD)   |             |
| HMV               |   | 283,290                             |  |             |
| HOSHAI            | 465   |                                     |  |             |
| HUMAX             |   |                                     |  | 568,762,770 |
| HUNTER            | 592   |                                     |  |             |
| HUTH              |   |                                     |  | 365         |
| HWA LIN           |   |                                     |  | 422         |
| HYPER             | 102,151,155,167,170,177,<br>188,221,230,465,496   | 250,283                             |  |             |
| HYPSON            | 102,105,167,187   | 250                                 |  | 385,386     |
| HYUNDAI           | 102,105,531,709   |                                     |  | 577,755     |
| IBERVISAO         | 220,223,230   |                                     |  |             |
| ICE               | 177,187,188   |                                     |  |             |
| ICX               |   |                                     |  | 300,395     |
| ID DIGITAL        |   |                                     |  | 762         |
| IEG               | 155   |                                     |  |             |
| IMPER             | 102,103,105,167,177,187,<br>477   |                                     |  |             |
| IMPERIAL          | 102,105,115,127,143,149,<br>172,187,207,221,229,230,<br>247   | 250,261,278,286                     | 305(VT)  | 333,338     |
| INDESIT           | 193   |                                     |  |             |
| INF. REM. CONTR   | 511   |                                     |  |             |
| INNO HIT          | 102,105,123,149,154,155,<br>164,167,177,188,209,235,<br>465   | 252,272,283,286,<br>903             |  |             |
| INTEGRA           |   |                                     | 603(DVD)   |             |
| INTERBUY          | 151   | 283                                 |  |             |
| INTERDISCOUNT     | 102,158,191,192,200   |                                     |  |             |
| INTERFUNK         | 101,102,105,123,136,149,<br>154,155,164,167,173,177,<br>184,188,191,207,209,220,<br>223,224,227,235                     | 250,252,272                         |  |             |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device         | TV  | VCR   | AUX  | SAT   |
|----------------------|---|---|--|---|
| INTERMIL             |   |   |  | 445   |
| INTERSAT             |   |   |  | 459,520,540,776                                 |
| INTERVIDEO           |   | 261,289   |  |   |
| INTERVISION          | 102,149,151,155,205,210,<br>211,212,230   | 250,261,276,283   |  |   |
| IRRADIO              | 102,105,121,123,128,151,<br>164,167,177,187,188,230,<br>532,551,727   | 250,252,278,283,<br>289                                 | 841(DVD)<br>853(DVD)<br>872(DVD)   |   |
| ISKRA                | 154,155,205,210,230,403   |   |  |   |
| ITALTEL              |   |   |  | 745   |
| ITC                  | 155,230   |   |  |   |
| ITL                  | 102,167   |   |  |   |
| ITT SCHAUB<br>LORENZ | 102,167,220,223,230,235,<br>290   |   |  |   |
| ITT/NOKIA            | 101,102,105,107,114,115,<br>131,167,169,177,207,217,<br>220,221,222,223,224,227,<br>228,230,231,232,235,236,<br>246,465,491,511,532,544,<br>550,698,727 | 250,262,264,265,<br>272,275,278,282,<br>286,289,290,898 | 837(DVD)<br>841(DVD)   | 317,324,350,352,353,355,356,<br>398,491,774,775 |
| JASON                |   | 289   |  |   |
| JEEMON               |   |   |  | 377   |
| JENSEN               |   | 290   |  |   |
| JERROLD              |   |   |  | 300,395   |
| JET POINT            | 102,189   | 252   |  |   |
| JINLIPIU             | 167   |   |  |   |
| JOHANSSON            |   |   |  | 374,383   |
| JOHNSON              | 155   |   |  |   |
| JSR                  |   |   |  | 377   |
| JVC                  | 136,161,186,188,189,514,<br>515,551,706   | 290, 779,900  | 635(DVD)<br>636(DVD)<br>788,789,<br>801(HIFI), 813,<br>833(DVD)<br>869(DVD)                                      |   |
| K. MART              |   | 289   |  |   |
| KAISER               | 102   | 252   |  |   |
| KAISUI               | 102,155,167,177,207,216,<br>465,698,726   | 283   |  |   |
| KAMAR                | 166   | 252   |  |   |
| KAMBROOK             | 102,155,187,192,211   | 252,261   |  |   |
| KAMOSONIC            | 155   |   |  |   |
| KANSAI               |   | 261,283   |  |   |
| KAPSCH               | 107,114,235,544   | 272   |  |   |
| KARCHER              | 102,105,106,115,132,155,<br>156,167,213,221,222,465   | 250   |  |   |
| KARDON               | 544,545,695   |   | 595(DVD)   |   |
| KATHREIN             |   |   |  | 322,364,375,376,384                             |
| KAUASONIC            | 592   |   |  |   |
| KAWAI                |   |   | 688<br>663(VCD)<br>666(DVD)<br>667(VCD)<br>669(VCD)<br>670(VCD)<br>671(VCD)<br>811(HIFI)<br>857(DVD)<br>871(DVD) |   |
| KELVINATOR           | 206   |   |  |   |
| KENDO                | 102,105,108,149,155,167,<br>202,205,210,218,226,232,<br>233,235,247,544,545,695   | 284   |  |   |
| KENNDY > SELECO      |   |   |  |   |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device   | TV  | VCR                             | AUX   | SAT   |
|----------------|---|---------------------------------|---|---|
| KENNEDY        | 108,149,191,202,226,233,<br>235,247,544,545,695 | 900,908                         |   |   |
| KENNEX         | 102,532,727                                     |                                 |   | 398   |
| KENWOOD        |   | 276,278,290                     | 314(CD)<br>594(DVD)<br>834(DVD)<br>854(DVD)<br>855(DVD) | 398   |
| KERION         | 102,105   |                                 |   |   |
| KIC            | 155   |                                 |   |   |
| KIOTA          | 187   |                                 |   |   |
| KITT           | 155,187   |                                 |   |   |
| KIYOGIN        | 102   |                                 |   |   |
| KLARMAX        | 154,155,156,181,182,184,<br>221,230             |                                 |   |   |
| KNEISSEL       | 102,109,157,247,533,551,<br>726                 |                                 |   |   |
| KOBIC          | 167   | 271                             |   |   |
| KOENIG         | 234,235   | 271,286                         |   |   |
| KOERTING       | 102,106,133,141,220,223,<br>234                 | 250,252                         |   |   |
| KOLSTER        | 102,105,149,151,155,156,<br>205,210,230         | 250                             |   |   |
| KONKA          | 575,583   |                                 | 614(DVD)<br>615(DVD)<br>618(DVD)<br>620(DVD)            |   |
| KONTAKT        | 512   |                                 |   |   |
| KOSMOS         |   |                                 |   | 363,375                                     |
| KOTA           |   |                                 |   | 317   |
| KOTRON         | 187   |                                 |   |   |
| KREISELMEYER   |   |                                 |   | 322   |
| KRONNE         | 155,230   | 276                             |   |   |
| KTV            |   | 289                             |   |   |
| KUBA ELETRONIC | 723   | 253,254,260,261,<br>278,289,290 |   |   |
| KUNYA          |   | 290                             |   |   |
| KYOTO          | 154,155,230                                     |                                 |   | 407,410,412,480,571,576,673,<br>679,754,934 |
| LANDPORT       |   | 289                             |   |   |
| LASAT          |   |                                 |   | 412,423,451                                 |
| LAVIS          | 154   | 283                             |   |   |
| LEADER         | 167,716   |                                 | 966(DVD)  | 929   |
| LEGEND         | 102,105,155,167,187,215                         |                                 |   | 398,745                                     |
| LENCO          | 102,105,169,205,210,227,<br>532,727             | 283                             | 829(DVD)  | 363   |
| LENG           |   |                                 |   | 374   |
| LENOIR         | 102,105,155,167,169,220,<br>223,465,727         | 250,278,289                     |   |   |
| LEYCO          | 102,187,209,497,546                             | 250,283                         |   |   |
| LG             | 720   |                                 | 625(DVD)<br>720,<br>888(DVD)                            |   |
| LIESENKOTTER   | 102,171   | 252                             | 304(TLV)  |   |
| LIFE           | 167   | 252                             | 304(TLV)  |   |
| LIFETEC        | 727   |                                 |   |   |
| LLOYD          |   | 261                             |   |   |
| LLOYD'S        | 128,155,167,187,235                             | 261,290                         |   |   |
| LOEWE          | 220   | 250                             |   |   |
| LOEWE OPTA     | 101,102,104,114,133,135,<br>136,154,155         | 250,252,255,289                 | 837(DVD)  |   |
| LOGIK          | 148,160,186                                     | 259,265                         |   |   |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device      | TV  | VCR                             | AUX  | SAT   |
|-------------------|---|---------------------------------|--|---|
| LORENZEN INC.     |   |                                 |  | 423,450,451,452,453,454,455,<br>456,457,458 |
| LOWE              |   |                                 | 612(DVD)<br>837(DVD)<br>887(DVD)<br>959(DVD)<br>960(DVD) |   |
| LUMA              | 175,218,226,233,544,727,<br>742   |                                 |  |   |
| LUMATRON          | 102,727   |                                 |  |   |
| LUXMAN            |   |                                 | 840(DVD)   |   |
| LUXON             |   | 261,283                         |  |   |
| LUXOR             | 123,151,155,206,221,222,<br>225,227,231,235,236,507,<br>698   | 272,278,279,282,<br>291         | 293  | 323,328,350,351,352,353,354,<br>355,356     |
| M. ELECTRONIC     | 101,102,105,114,117,123,<br>125,131,132,133,149,151,<br>154,167,169,174,202,205,<br>207,210,218,220,223,230,<br>231,235,550,551,702,723,<br>730,732 | 250,261,262,276,<br>282,283,289 | 298(PA)<br>299(AUX)                                      | 323,326                                     |
| MAAZ              | 181,182,184   |                                 |  |   |
| MACTH-ITALIA      | 102   |                                 |  |   |
| MAGNADYNE         | 102,105,110,133,149,154,<br>167,205,207,210,218,220,<br>223,230,235   | 250,252,271,272,<br>278,289,290 |  |   |
| MAGNASONIC        | 102,105   | 278,290                         |  |   |
| MAGNAVOX          |   |                                 | 612(DVD)<br>632(DVD)                                     |   |
| MAGNAFON          | 102,121,125,154,155,205,<br>210,235   | 272                             |  |   |
| MAGNEX            | 102   |                                 |  |   |
| MAGNUM            |   |                                 |  | 415,447,448                                 |
| MANESTH           | 102,221,224,227,230,234,<br>239   | 261,283                         |  |   |
| MANHATTAN         | 532   |                                 | 841(DVD)   | 377,425,447,448,449,556                     |
| MARANTZ           | 102,105   | 252,255,264,289                 | 292,<br>632(DVD)<br>837(DVD)<br>849(DVD)                 | 315   |
| MARANTZ > PHILIPS |   |                                 |  |   |
| MARECH            | 234   |                                 |  |   |
| MARK              | 403   |                                 |  |   |
| MARTA             |   | 289                             |  |   |
| MASCOT            | 149   |                                 |  |   |
| MASPRO            |   |                                 |  | 384,389                                     |
| MASTER            |   |                                 | 675(HIFI)  |   |
| MATAV             |   |                                 |  | 375,387,394                                 |
| MATCH ITALIA      | 102,167   |                                 |  |   |
| MATSUI            | 102,133,155,160,167,187,<br>220,221,222,223,230,235,<br>237,497,501,512,537   | 259,272,284                     | 641(DVD)<br>887(DVD)                                     |   |
| MATSUKA           | 155,187,501   |                                 |  |   |
| MAXAM             | 155,167,187   | 283                             |  |   |
| MAXELL            | 167   | 283                             |  |   |
| MAXIMAL           |   | 278                             |  |   |
| MAXWELL           | 102,154,182,184,205,210   | 250                             |  |   |
| MCE               | 167   | 250                             |  |   |
| MEDIABOX          |   |                                 |  | 398   |
| MEDIASAT          |   |                                 |  | 398   |
| MEDION            | 739   |                                 |  |   |
| MEGA              | 102,103   |                                 |  | 315,482,758                                 |
| MEMOREX           |   | 261,278,289                     |  |   |
| MEMPHIS           | 215   | 283                             |  | 346,373                                     |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device             | TV  | VCR   | AUX  | SAT         |
|--------------------------|---|---|--|-------------|
| MERCURY                  | 155,167,187,289   |   |  |             |
| METRONIC                 |   |   |  | 324,373     |
| METZ                     | 110,111,112,117,118,119,<br>136,139,140,532,536,727,<br>736   | 253,254,255   | 296(VTL)   | 319,320,322 |
| MGA                      | 101,169,177,187   |   |  |             |
| MICO                     |   |   | 974(DVD)<br>975(DVD)<br>976(DVD)<br>977(DVD)<br>978(DVD)<br>979(DVD)<br>980(DVD)<br>981(DVD)<br>982(DVD)<br>983(DVD)<br>984(DVD) |             |
| MICRON                   | 155   |   |  |             |
| MINERVA                  | 110,111,112,117,128,174,5<br>12   |   |  |             |
| MINERVA>GRUNDIG          |   |   |  |             |
| MINISAT 1                |   |   |  | 540,756     |
| MINOLTA                  |   | 262,290   |  |             |
| MINTON                   |   |   |  | 933         |
| MISC                     |   | 263   |  |             |
| MISSON                   |   |   | 858(DVD)   |             |
| MITRONIC                 | 164   |   |  |             |
| MITSUBISHI               | 101,110,133,136,160,161,<br>167,169,195,495,499,551   | 250,253,254,259,<br>291,907                         | 296(VTL)<br>639(DVD)   | 319,322     |
| MIVAR                    | 109,120,122,123,150,154,<br>155,397   |   |  |             |
| M-NET                    |   |   | 461,489  | 339,489     |
| MONEXE                   |   | 261   |  |             |
| MORGAN                   |   |   |  | 361         |
| MTC                      | 115,230   | 261   |  |             |
| MULTICHOICE<br>(SUNMOON) |   |   |  | 440,470     |
| MULTISTAR                |   |   |  | 375         |
| MULTITECH                | 101,102,106,149,151,154,<br>155,160,161,167,177,180,<br>187,205,210,230,465,478                     | 250,252,261,283                                     |  |             |
| MURATO                   |   |   |  | 363         |
| MURPHY                   | 121,155,221,229,230,235   | 261,272   |  |             |
| MUSTEK                   |   |   | 605(DVD)   |             |
| NAD                      |   |   | 610(DVD)<br>836(DVD)   |             |
| NAGEL                    | 142   |   |  |             |
| NAGOTA                   | 221   |   |  |             |
| NAKAMICHI                |   |   | 631(DVD)<br>823(DVD)   |             |
| NAKAMURA                 |   | 261   |  |             |
| NAKASHI                  | 102   |   |  |             |
| NAMSONIC                 | 167   |   |  |             |
| NAMSUNC                  | 167   |   |  |             |
| NARITA                   | 169   |   |  |             |
| NATIONAL                 | >   |   |  |             |
| PANASONIC                |   |   |  |             |
| NEC                      | 156,160,161,167,169,216,<br>464   | 259,276,290   |  | 357,360     |
| NECKERMANN               | 102,103,105,111,112,115,<br>117,136,155,158,159,171,<br>173,202,218,221,222,234,<br>533,546,551,732 | 250,251,252,253,<br>255,256,257,272,<br>278,286,290 | 304(TLV)   | 320         |
| NECOLA                   |   | 289   |  |             |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device    | TV  | VCR   | AUX                                   | SAT                                     |
|-----------------|---|---|---------------------------------------|---|
| NECSTAR         | 592   |   | 718(VCD)                              |   |
| NEI             | 102,105,215,221,230   | 250,252   |                                       |   |
| NESCO           |   | 261   |                                       |   |
| NETA            |   |   |                                       | 400,401,435,437,588,970                 |
| NETWORK         |   |   |                                       | 331                                     |
| NEWMAR          | 155,221,230   |   |                                       |   |
| NEWTECH         | 102,155   | 250   |                                       |   |
| NEWYORK         |   |   |                                       | 419                                     |
| NEXT            | 741   |   |                                       | 395,420,518,519,521,560,664,<br>680,928 |
| NEXTSTAR        |   |   |                                       | 753                                     |
| NEXTWAVE        |   |   |                                       | 395,517,538,652,942                     |
| NIKKAI          | 155,164,187,206   | 289   |                                       |   |
| NIKKEI          | 102,105,532,727   |   |                                       |   |
| NIKKO           | 102,105,215   |   |                                       |   |
| NIWA            |   |   | 861(DVD)<br>964(VCD)                  |   |
| NOBLEX          | 161,162,163,166,167,168,<br>169   |   |                                       |   |
| NOBLIKO         | 121,125,127,128,149,155,<br>205,210   |   |                                       |   |
| NOKIA           |   |   |                                       | 324,352,353,355                         |
| NOKIA>ITT NOKIA |   |   |                                       |   |
| NORDMENDE       | 134,146,147,191,192,197,<br>200,219,235,502,729   | 263,266,267,268,<br>269,271,273,274,<br>290,899,900 | 311(TLV)                              |   |
| NORDWAY         | 229   |   |                                       |   |
| NORTEK          | 102,551   |   |                                       |   |
| NOVA (YENICAG)  |   |   |                                       | 436,574,586                             |
| NOVATRONIC      | 102,167,169,187   |   |                                       |   |
| O.GENERAL       | 161,167   |   |                                       |   |
| OCEANIC (ITT)   | 194,198,217,220,221,222,<br>224,225,227,231,235,236,<br>550   | 262,264,272,278,<br>279                             |                                       | 350                                     |
| OCTAL           | 155   |   |                                       |   |
| OKANO           | 115   | 283   |                                       | 375                                     |
| OLYMPIC         | 167   |   |                                       | 365                                     |
| OLYMPUS         |   | 260   |                                       |   |
| OMEGA           |   | 261   |                                       |   |
| ONCEAS          | 149,155,167   |   |                                       |   |
| ONIDA           | 105   |   |                                       |   |
| ONKYO           |   |   | 742(CD),802,<br>802(DVD)<br>824(DVD)  |   |
| ONWA            | 187,188,207,698   |   |                                       |   |
| OPENTE          |   |   |                                       | 930                                     |
| OPTEX           |   |   |                                       | 374,377,379,386                         |
| OPTIMUS         |   |   | 628(DVD)<br>646(DVD)                  |   |
| ORAVA/OTF       | 102,167   |   |                                       |   |
| ORAVA SLOV      | 102,133,230   |   |                                       |   |
| ORAVA/OTF       | 102,167   | 250   |                                       | 315                                     |
| ORBIT           |   |   |                                       | 342                                     |
| ORIENT          | 102,167,478,895   |   | 782,803,910,<br>896(HIFI)<br>893(DVD) | 943                                     |
| ORIGO           |   |   |                                       | 338                                     |
| ORION           | 102,103,160,164,167,168,<br>187,199,217,220,221,223,<br>240,241,244,263,497,501,<br>510,533,537,546,739 | 250,259,261,263,<br>284,290                         | 855(DVD)                              |   |
| ORION HUNGARY   | 102,105,186,217,221,507,<br>508   |   |                                       |   |



**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device             | TV  | VCR   | AUX   | SAT   |
|--------------------------|---|---|---|---|
| ORMOND                   | 102,154,532   |   |   |   |
| OR-ON                    | 465   |   |   |   |
| ORSOW'E                  | 102,105,154,187   |   |   |   |
| OSAKI                    | 102,105,187,212   | 250,261,283,289                                 |   |   |
| OSIO                     |   | 289   |   |   |
| OTHER LINE               | 105,154   |   |   |   |
| OTTO VERSAND             | 101,102,103,104,105,110,<br>111,112,117,151,155,158,<br>159,161,167,176,180,200,<br>221,222,223,227,234,235,<br>403,723 | 250,251,252,253,<br>254,256,257,260,<br>271,276 | 296(VTL)  | 319,320   |
| OXFORD                   |   |   |   | 367   |
| P. CINEMA                |   | 255   |   |   |
| P. MARCONI               |   | 290   |   |   |
| PACE                     |   |   |   | 329,330,331,332,398,438,440,<br>469,471,472,481,584,649,759 |
| PAEL                     | 121,128,155   | 255   |   |   |
| PALCOM                   |   |   |   | 368   |
| PALLADIUM                | 115,136,202   | 252,255,261,272,<br>276,278,290                 |   |   |
| PALSAT                   |   |   |   | 370   |
| PALSONIC                 | 102,105,155,164,177,187   | 261,289   |   |   |
| PANAMA                   | 102,105,149,187   | 250   |   |   |
| PANASAT                  |   |   |   | 468   |
| PANASHIBA                | 167   |   |   |   |
| PANASONIC                | 111,112,176,230,235,494,<br>498,516,694   | 253,260,269,<br>272                             | 622(DVD)<br>623(DVD)<br>640(DVD)<br>684<br>834(DVD) | 320,985   |
| PANAVOX                  | 102,167,235   |   |   |   |
| PANAVSION                | 187   |   |   |   |
| PANORAMA                 | 155,167,177   | 289,903   |   |   |
| PANORAMIC                | 191   |   |   |   |
| PATHE CINEMA             | 115,154,155,156,214,230,<br>234   | 255   |   |   |
| PATHE<br>MARCONI>THOMSON |   |   |   |   |
| PALLADIUM                |   | 252,255,261,272,<br>276,278,290                 |   |   |
| PALSONIC                 |   | 261,289   |   |   |
| PANASONIC                |   | 260,269   |   |   |
| PANORAMA                 |   | 289   |   |   |
| PATRIOT                  |   |   |   | 648   |
| PAUSA                    | 167   |   |   |   |
| PCM                      | 102,105   | 250,289   |   |   |
| PENSONIC                 |   |   | 863(DVD)  |   |
| PERDIO                   |   | 261   |   |   |
| PERSHIN                  | 128,214   | 255   |   |   |
| PEYSS                    |   |   |   | 934   |
| PHILARMONIC              | 155   |   |   |   |
| PHILCO                   | 102,105,115,127,133,143,<br>149,156,161,167,172,207,<br>220,221,223,229,230,235,<br>247                                 | 250,261,262,272,<br>276,278,282,283,<br>290     | 305(VT)   |   |
| PILIPPO                  |   |   | 696(VCD)<br>858(DVD)                                |   |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device     | TV  | VCR                             | AUX   | SAT                         |
|------------------|---|---------------------------------|---|-----------------------------|
| PHILIPS          | 102,103,105,111,112,133,<br>136,155,156,175,183,184,<br>185,192,207,475,505,535,<br>551,702,707,723,727,731,<br>732 | 250,251,252,253,<br>255,264,292 | 292,<br>293(CD)<br>294,295,<br>612(DVD)<br>830(DVD)<br>837(DVD)<br>849(DVD)<br>887(DVD)<br>952(DVD)<br>955(DVD)<br>959(DVD)<br>960(DVD) | 315,316,317,362             |
| PHOENIX>FORMENTI | 278,289   |                                 |   |                             |
| PHONOLA          |   | 252,255                         |   |                             |
| PHONOLA>PHILIPS  | 252,255   |                                 |   |                             |
| PILOT            | 703,729   | 289                             |   | 377,427,460,926             |
| PIONEER          | 102,105,192,227,533,713   | 252,290                         | 306,307<br>628(DVD)<br>642(DVD)<br>645(DVD)<br>819(VCR)<br>826(DVD)<br>827(DVD)<br>850(DVD)<br>864(CD)<br>866(DVD)<br>889(DVD)          | 317,398,417                 |
| PLANET           |   |                                 |   | 338,522,528,924             |
| PLANTRON         | 149,154,167,218,221,235   | 272                             |   |                             |
| PLAYSONIC        |   | 278                             |   |                             |
| PORTLAND         | 102   | 289,902,903                     |   |                             |
| PRANDONI PRINCE  | 121,149,154,205,210,218,<br>221,235   |                                 |   |                             |
| PREMIER          | 103,462,477,592,716,962   |                                 | 743(CD)<br>783,785,791,796,<br>798,804,815,965,<br>669(VCD)<br>671(VCD)<br>808(HIFI)<br>860(CD)<br>871(DVD)                             | 409,415,570,914,920,927,945 |
| PRIMA            | 155,164,167,187   |                                 |   |                             |
| PRINCESS         | 164,167   |                                 |   |                             |
| PROFEX           | 127,167,171,227   | 283                             |   |                             |
| PROFILO          | 102,105,154,200,230,533,<br>672   |                                 |   |                             |
| PROLINE          | 240   | 252,261,283                     |   |                             |
| PROSAT           |   |                                 |   | 334,335,336                 |
| PROSCAN          |   |                                 | 633(DVD)  |                             |
| PROSCO           |   | 261,289                         |   |                             |
| PROSONIC         | 102   |                                 |   |                             |
| PROTECH          | 102,105,167,207,230,240,<br>403,532,727,732   |                                 |   |                             |
| PYE              | 102,103,105,169,184   | 252,255                         |   |                             |
| PYE > PHILIPS    |   |                                 |   |                             |
| QUADRAL          |   |                                 |   | 334                         |
| QUAL CRAFT       | 121,164,177,205,210,497   |                                 |   |                             |
| QUALCRAFT        |   | 261,265                         |   |                             |
| QUARTZ           |   | 278                             |   |                             |
| QUASAR           | 121,164,205,210,235,497   | 289                             |   |                             |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device                | TV  | VCR                             | AUX  | SAT                 |
|-----------------------------|---|---------------------------------|--|---------------------|
| QUELLE                      | 101,102,105,110,114,121,<br>123,124,125,128,131,132,<br>151,155,158,160,163,164,<br>171,172,173,187,220,223,<br>227     | 255,290                         |  |                     |
| QUELLE > UNIVERSUM          |   |                                 |  |                     |
| RADIALVA                    |   | 289                             |  |                     |
| RADIOLA                     | 102,103,105,175,184   |                                 |  |                     |
| RADIOLA > PHILIPS           |   |                                 |  |                     |
| RADIOMARELLI ><br>MAGNADYNE |   | 290                             |  |                     |
| RADIONETTE                  | 114,132,220,235   | 289                             |  | 326                 |
| RADIOSHACK                  |   |                                 | 609(DVD)<br>634(DVD)                                     |                     |
| RADIOTONE                   | 403,490   |                                 |  |                     |
| RADIX                       |   |                                 |  | 390,457             |
| RAITE                       |   |                                 | 828(DVD)   |                     |
| RANK / RBM                  | 121,222,229,235,261   | 261,283                         |  |                     |
| RANK ARENA                  |   | 290                             |  |                     |
| RC                          |   |                                 |  | 395                 |
| RC 2                        |   |                                 |  | 303                 |
| RCA                         |   |                                 | 596(DVD)   |                     |
| REALISTIC                   |   | 260,261,264,278,<br>289         |  |                     |
| RECOR                       | 101,102,105,187   | 250                             |  |                     |
| REDIFFUSION                 | 227,235   | 272                             |  | 360                 |
| REFLEX                      | 102,532,727   |                                 |  |                     |
| REGAL                       |   |                                 | 686(DVD)   | 687                 |
| REGENTE                     | 167   |                                 |  |                     |
| REVOX                       |   |                                 | 837(DVD)   |                     |
| REVOY                       |   |                                 | 829(DVD)   |                     |
| REX                         |   | 290                             |  |                     |
| REX > SELECO                |   |                                 |  |                     |
| RFT                         | 133,403   | 283                             |  |                     |
| RITAR                       | 231   |                                 |  | 352,353             |
| RIZ                         | 230   |                                 |  |                     |
| RM                          | 532   |                                 |  |                     |
| RM2000                      | 102,727   |                                 |  |                     |
| ROADMASTER                  |   |                                 | 956(HOM)   | 431,454,529,520,554 |
| ROADSTAR                    | 102,105,164,167,177,465,<br>532,533,534,727,737   | 261,283,289,897,<br>902,903     | 829(DVD)<br>831(DVD)<br>839(DVD)<br>841(DVD)<br>950(DVD) | 398                 |
| ROB. ELECTR.                | 133,203   |                                 |  |                     |
| ROCH                        |   |                                 |  | 385,386             |
| ROTEL                       |   |                                 | 833(DVD)   |                     |
| ROWA                        | 155,167,187   |                                 |  |                     |
| ROWIDO/KONIG                | 121,230   |                                 |  |                     |
| ROWSONIC                    | 155   |                                 |  |                     |
| ROYAL                       | 105,155,167,177,187,207   | 283                             |  |                     |
| RTF                         | 133   |                                 |  |                     |
| S. LORENZ                   | 102,115,167,169,177,220,<br>223,227,231,235,236,465   | 272,278,289                     |  |                     |
| SABA                        | 102,136,137,146,147,154,<br>167,169,191,192,195,197,<br>200,221,224,230,235,476,<br>480,490,502,533,543,672,<br>700,727 | 267,268,269,290,<br>571,899,900 | 311(TLV)<br>853(DVD)                                     | 333                 |
| SAGEM                       | 726   |                                 |  | 433                 |
| SAISHO                      | 155,156,160,169,177,239,<br>497,501   | 259,261                         |  |                     |
| SAKURA                      | 167   |                                 |  | 346                 |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device               | TV  | VCR                             | AUX                                      | SAT                     |
|----------------------------|---|---------------------------------|--|-------------------------|
| SALORA                     | 102,131,206,218,221,222,224,227,228,231,236,511,550,554,698,718                                     | 250,262,275,278,291             |  | 344,350,352,353,354,355 |
| SALURA                     |   |                                 |  | 434                     |
| SAMBERS                    | 121,123,125,127,128,154,156,205,210,290   | 255,261,289,290                 |  |                         |
| SAMSUNG                    | 102,103,105,106,115,123,136,155,160,164,166,167,168,189,209,212,462,475,497,547,551,552,714,728,731 | 250,252,265,278,286,906         | 600(DVD)<br>625(DVD)<br>799<br>840(DVD)  | 341,361,362,375,752,917 |
| SAMPO                      |   |                                 | 611(DVD)                                 |                         |
| SANDRA COLOR               | 154,155   |                                 |  |                         |
| SANG                       | 102,478,733   |                                 |  |                         |
| SANGEAN                    |   |                                 |  | 414                     |
| SANKYO                     | 165,553   |                                 |  |                         |
| SANSUI                     | 102,167,188,236,465,725,727   | 283,284,285,290                 |  | 930                     |
| SANTEC                     |   | 903                             |  |                         |
| SANYO                      | 106,114,133,155,157,160,161,162,163,167,203,209,212,235,236,246,248,281,496,553,712                 | 259,262,264,272,277,278         | 597(DVD)                                 |                         |
| SAR                        | 102,155,230   |                                 |  |                         |
| SAT                        |   |                                 |  | 321,341                 |
| SAT PARTNER                |   |                                 |  | 363                     |
| SATEC                      |   |                                 |  | 331                     |
| SATECO                     |   |                                 |  | 377                     |
| SATELLITE                  |   |                                 |  | 348,426                 |
| SAVEMA                     |   | 289                             |  |                         |
| SCHAUPLORENTZ              | 478,895   |                                 |  |                         |
| SCHNEIDER                  | 102,103,105,108,129,151,155,167,175,177,184,188,220,221,222,223,229,230,233,235,497,533,551,701,727 | 250,252,261,272,283,286,289     | 814                                      | 364                     |
| SCHNEIDER FRANCE > PHILIPS |   |                                 |  |                         |
| SCHWAIGER                  |   |                                 |  | 331                     |
| SCOTT                      | 102,234   | 278,289                         |  |                         |
| SEEMAN                     |   |                                 |  | 390                     |
| SEG                        | 102,105,127,149,155,205,210,230,532,727   | 261,283,286,902                 | 619(DVD)<br>768(DVD)<br>828(DVD)         | 747,748,773             |
| SELECO                     | 102,103,105,107,108,151,161,200,202,218,219,226,230,232,233,247,544,545,695,742,744                 | 250,252,265,273,290,900,902,908 | 461                                      |                         |
| SEMP                       | 249   |                                 |  |                         |
| SENDAY                     | 102   |                                 |  |                         |
| SENTRA                     | 239,289   | 262,283,289                     |  |                         |
| SEOUL                      |   |                                 |  | 923                     |
| SERVISAT                   |   |                                 |  | 431,747,748,773         |
| SET                        | 102,230   |                                 |  | 428,439,483,484,485     |
| SETLUX                     |   |                                 |  | 573                     |
| SETRON                     |   | 283                             |  |                         |
| SHARP                      | 161,178,179,180,186,289   | 261,264,265,289                 | 308,<br>624(DVD)<br>825(DVD)<br>647(DVD) |                         |
| SHERWOOD                   |   |                                 |  |                         |
| SHINKO                     |   | 261,283                         |  |                         |
| SHINTOM                    |   | 261,283                         |  |                         |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device   | TV  | VCR                         | AUX  | SAT  |
|----------------|---|-----------------------------|--|--|
| SHIVAKI        | 102,103   | 252,289                     |  |  |
| SHOV           | 102,103,105,167,187,683,<br>711,740,744   |                             | 743(CD),<br>792(HIFI)<br>793,805,807,<br>809(HIFI)<br>816(HIFI)<br>820(DVD)<br>860(DVD)<br>883(DVD)                              |  |
| SHOW           | 582,592   |                             | 671(VCD)   |  |
| SIAREM         | 133,154,205,210,235   | 271,272                     |  |  |
| SICATEL        | 156,230   |                             |  |  |
| SICE           | 110   |                             |  |  |
| SIDEC          | 230   |                             |  |  |
| SIEL           | 127   |                             |  |  |
| SIEMENS        | 102,105,110,111,112,113,<br>117,128,154,163,164,171,<br>173,494,553,712                         | 250,253,254,255,<br>278     | 296(VTL)<br>304(TLV)   | 319,320,322  |
| SILMA          | 102   | 252                         |  |  |
| SILVA          | 167   | 289                         |  | 363  |
| SILVER         | 177,187   | 278                         |  |  |
| SIMKO          |   | 261                         |  | 429  |
| SIMTEL         | 102,177,187,465,723   |                             |  |  |
| SINGER         | 102,105,133,149,154,155,<br>167,188,198,205,210,235,<br>247,497                                 | 250,278,286,287             |  |  |
| SINUDYNE       | 102,103,133,177,199,202,<br>205,210,220,223,233,235,<br>240,241,263,497,501,514,<br>533,546,739 | 250,251,252,263,<br>275,284 | 834(DVD)<br>854(DVD)   |  |
| SIREL          | 154   |                             |  |  |
| SKAY           | 465   |                             |  |  |
| SKY TELEVISION |   |                             | 399  | 399  |
| SKYLAB         |   |                             |  | 339  |
| SKYMASTER      | 992   |                             | 094(DVD)<br>097<br>988(DVD)<br>996(DVD)  | 365<br>092,093,095,096,<br>098,099,986,987,<br>989,990,991,992,<br>993,994,995,997,<br>998,999 |
| SLAVA          | 155   |                             |  |  |
| SOLAVOX        | 206,220,228,231   | 272,275,262                 |  | 350  |
| SONAMEC        |   | 261                         |  |  |
| SONITRON       | 133,155   | 289                         |  |  |
| SONOKO         | 102,105,155,167,177,187,<br>465   | 250,278,903                 |  |  |
| SONOLOR        |   | 264                         |  |  |
| SONTEC         | 102,115,151   | 250                         |  |  |
| SONY           | 158,159,160,161,192,396,<br>719   | 256,257,258,259,<br>287,579 | 301,302,<br>604(DVD)<br>822(DVD)<br>832(DVD)<br>835(DVD)<br>870(DVD)<br>873(DVD)<br>879(DVD)<br>884(DVD)<br>890(DVD)<br>963(DVD) | 317,398  |
| SOUND COLOR    | 102,727   |                             |  |  |
| SOUND MASTER   | 167   | 250                         |  |  |
| SOUTHERN CROSS | 151   | 250                         |  |  |
| SOWTECH        | 101,151   | 259,256,257,258             | 301  |  |
| SPECIAL        |   | 289                         |  |  |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device   | TV  | VCR                     | AUX  | SAT                                 |
|----------------|---|-------------------------|--|-------------------------------------|
| SPECTRA        | 102,477,696,697,708,715                         |                         |  |                                     |
| STANDARD       | 149,155,167,177,234                             |                         |  |                                     |
| STAR           | 105   |                         |  |                                     |
| STAR LINE      | 102   |                         |  |                                     |
| STAR DIJITAL   |   |                         |  | 433                                 |
| STAR SAT       |   |                         |  | 939                                 |
| STARLITE       | 167   | 289                     |  |                                     |
| STARLUX        | 167   |                         |  |                                     |
| STELLA         |   |                         |  | 359                                 |
| STERN          | 107,108,191,202,218,226,<br>232,233,544,742,744 | 290                     |  |                                     |
| STERN > SELECO |   |                         |  |                                     |
| STROM          |   |                         |  | 565                                 |
| STREAM         |   |                         | 909  | 745,778                             |
| STRONG         |   | 261,283                 |  | 370,394,398,425,447,448,562,<br>764 |
| STVI           | 155,230   |                         |  | 386                                 |
| STZ            |   | 261                     |  |                                     |
| SUNKAI         | 102,241,465                                     |                         |  |                                     |
| SUNNY          | 188,567,581,592,741                             |                         | 671(VCD),<br>780(HIFI),<br>781,785,<br>786,787,<br>790(HIFI),<br>798,800,809 | 454,487,522,524,529,558,761         |
| SUNSTAR        | 102   | 261                     |  |                                     |
| SUNWATT        | 102,105   |                         |  |                                     |
| SUPER MAX      |   |                         |  | 971                                 |
| SUPERLA        | 154,230   |                         |  |                                     |
| SUPERSONIC     | 101,188,236,465                                 |                         |  |                                     |
| SUPERTEC       | 102,105,167,177                                 | 250                     |  |                                     |
| SUPERTECH      |   | 261                     |  |                                     |
| SUPEX          |   |                         |  | 408                                 |
| SUPRA          | 102,166,167,169,463                             | 250,261,283,289         |  |                                     |
| SUPREME        | 125   |                         |  |                                     |
| SYC LINE       | 167   |                         |  |                                     |
| SYDNEY         | 154   |                         |  |                                     |
| SYLVANIA       |   | 261                     |  |                                     |
| SYMHONIC       |   | 261                     |  |                                     |
| T. FERGUSON    |   | 290                     |  |                                     |
| TADISTAR       | 207   |                         |  |                                     |
| TAGRA          |   |                         |  | 355                                 |
| TAKWANG        |   |                         |  | 443                                 |
| TALENT         | 110   | 253                     |  |                                     |
| TANDBERG       | 118,124,135,136,140,154,<br>191,197,233         |                         | 311(TLV)   | 315                                 |
| TANDY          | 198,221,222                                     | 289                     |  |                                     |
| TANTEC         |   |                         |  | 368                                 |
| TASHIKO        | 155,222,547,553,712                             | 252,261,264,283         |  |                                     |
| TATUNG         | 104,110,154,155,160,204,<br>209                 | 252,259,261,290         |  |                                     |
| TCL            | 708   |                         |  |                                     |
| TEAC           |   | 261,290                 | 309<br>838(DVD)<br>842(DVD)<br>850(DVD)                                      |                                     |
| TEAK           | 101,102,105,155,167                             | 250,261,290             |  |                                     |
| TEC            | 102,108,149,155,167,229,<br>230,497,702         | 250,261,278,283,<br>290 |  |                                     |
| TECHLINE       | 102   | 283                     |  |                                     |
| TECHNICA       | 177   |                         |  |                                     |
| TECHNICS       | 176,498   | 260,905                 |  |                                     |
| TECHNISAT      | 102,533   |                         |  | 348,349,362,378,390                 |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device     | TV  | VCR   | AUX   | SAT                                     |
|------------------|---|---|---|---|
| TECHNOL          | 101,155,167,169,187   |   |   |   |
| TECHNOMATE       |   |   |   | 757                                     |
| TECHNOSAT        |   |   |   | 377,973                                 |
| TECHNOVA         |   |   | 718(VCD)  |   |
| TECHSTAR         |   |   |   | 913                                     |
| TECHWOOD         |   |   | 659   |   |
| TEDELEX          | 102,105,155,167,221,230   | 276,284,289   |   |   |
| TEF              |   | 290   |   |   |
| TEINEL           | 102,230   | 250   |   |   |
| TEKNANT          | 102,167   | 252   |   |   |
| TEKNIKA          |   | 261,289   |   |   |
| TELE+            | 102,167,461   | 252   | 461,909   | 398                                     |
| TELEAVIA         |   | 290   |   |   |
| TELEAVIA>THOMSON |   |   |   |   |
| TELECHROM        | 177,465   |   |   |   |
| TELECOM          |   |   |   | 359,377                                 |
| TELEFAC          | 167   |   |   |   |
| TELEFUNKEN       | 102,148,149,154,167,168,<br>169,172,191,192,193,195,<br>196,200,201,230,476,490,<br>500,533,672,700,741   | 265,266,267,268,<br>290,899,900,901,<br>902                         | 305(VT)<br>677,818,<br>894(DVD)                   | 926                                     |
| TELEMASTER       |   |   |   | 447,448                                 |
| TELEOPTA         | 167   |   |   |   |
| TELEPOINT        | 102   |   |   |   |
| TELERENT         |   | 260,261,289,290   |   |   |
| TELESERVICE      |   |   | 296,312   | 296,312,319                             |
| TELESTAR         | 102,167,187   | 265,283,289   |   |   |
| TELESYSTEM       |   |   |   | 364                                     |
| TELETECH         | 102,149   | 283   |   |   |
| TELEVIDEON       | 102,105,121,155,221,234,<br>235   | 250,271,272,278   |   |   |
| TELEWIRE         |   |   |   | 767                                     |
| TELKOM           | 102,230   |   |   | 530,687,747,748,773                     |
| TELPAS           |   |   |   | 915                                     |
| TELRA            | 102,200,230   |   |   |   |
| TEMPO            |   |   |   | 408,430,431,525,526                     |
| TEMPEST          | 155,167,177   | 265   |   |   |
| TENOSAL          |   | 283   |   |   |
| TENSAI           | 102,105,114,132,149,155,<br>164,167,169,177,205,210,<br>211,213,230,234,532,727   | 250,252,261,283,<br>289   |   | 326                                     |
| TERMAL           |   |   |   | 402,419,426,431,432,486,687,<br>917     |
| TESLA            | 156   |   |   |   |
| TESLASLOV        | 102,133,184,230   |   |   |   |
| TETTRAN          | 230,234   |   |   |   |
| TEVEL            |   |   |   | 771                                     |
| THOMSON          | 102,121,128,133,146,147,<br>174,184,190,191,192,197,<br>200,201,221,230,504,508,<br>512,543,658,700   | 266,267,268,272,<br>290,899,900,902                                 | 310,311(TLV)<br>840(DVD)<br>886(DVD)<br>892(DVD)  | 330,331                                 |
| THORN            | 239,511   |   |   |   |
| THORN FERGUSON   | 101,102,103,105,110,111,<br>112,114,127,128,131,132,<br>148,154,155,156,158,159,<br>161,163,186,187,189,191,<br>192,198,200,204,208,209,<br>212,220,221,223,224,227,<br>228,233,235,236,237,239,<br>246,248,281,283,396,495,<br>496,500,511,515,548,551,<br>700,730 | 250,251,252,253,<br>254,255,256,257,<br>258,262,270,272,<br>275,290 | 292,293(CD)<br>294<br>295<br>296(VTL)<br>301(MDP) | 315,316,319,320,323,326,329,<br>330,331 |
| THUNDERMAX       |   |   |   | 300,315,390                             |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device   | TV  | VCR   | AUX  | SAT                         |
|----------------|---|---|--|-----------------------------|
| TIBISHI        | 155,167,177,187   |   |  |                             |
| TOBO           | 167   |   |  |                             |
| TOCHIBO        |   |   |  | 415,521                     |
| TOKYO          | 465   |   |  |                             |
| TOFILD         |   |   |  | 674,681,687                 |
| TOKAI          | 102,105,167,187   | 283,289   |  | 402,417                     |
| TOMITA         | 155   |   |  |                             |
| TOPVISION      | 102,221,230,403   |   |  |                             |
| TOSHIBA        | 101,155,161,237,238,239,247,249   | 250,287,288,290   | 621(DVD)<br>868(DVD)                                   | 415,440                     |
| TOTEVISION     |   | 289   |  |                             |
| TOWADA         |   | 283   |  |                             |
| TPS            |   |   |  | 433                         |
| TR. CONTINENTS | 102,154,218   |   |  |                             |
| TRANSONIC      | 102,105,187,207   | 250,252   |  |                             |
| TREVI          | 167,177,465   |   | 831(DVD)<br>853(DVD)                                   |                             |
| TRIAD          | 102,105,156   |   |  | 341,363                     |
| TRIAx          |   |   |  | 325,348                     |
| TRIDENT        | 102,592,716   |   | 676(DVD)   | 936                         |
| TRILUX         | 102,403   |   |  |                             |
| TRISTAR        | 186   |   |  | 370                         |
| TRIUMPH        | 125,497   |   |  |                             |
| TRIVISION      | 167   |   |  |                             |
| TRONIX         |   |   |  | 971                         |
| TTR            | 107,727   | 290   |  |                             |
| TV STAR        | 221   |   |  |                             |
| TVD            | 544,727   |   |  |                             |
| TWINNER        |   |   |  | 431                         |
| UHER           | 107,129,221,234,544,723,727   | 286,290   |  |                             |
| ULTRAVISION    | 146,156   |   |  |                             |
| ULTRAVOX       | 101,102,105,110,133,149,155,205,210,218,235,249,535   | 250,271,272,278   |  | 377                         |
| UNIC RADIO     | 106,154,155,227,230   | 261,283   |  |                             |
| UNIDEN         |   |   |  | 392,393                     |
| UNITED         | 727,739   | 903   | 856(DVD)   |                             |
| UNITOR         |   |   |  | 339                         |
| UNIVERSUM      | 101,102,105,110,111,112,114,116,121,123,124,125,128,131,132,151,155,158,160,161,163,164,167,171,172,173,187,220,223,224,227,230,231,553,712,727,741 | 250,252,253,254,255,256,257,259,260,261,262,272,278,283,286,289,290 | 296(VTL)<br>298(PA)<br>299(AUX)<br>304(TLV)<br>305(VT) | 319,320,322,323,326,327,350 |
| UNIVOX         | 102,105,133,149,156,220,230   | 250   |  |                             |
| UNK            | 102   |   | 885(DVD)   |                             |
| URANYA         | 102,121,154,167,169,205,210,234   | 250,272,278,289   |  |                             |
| UTAX           | 155,167   |   |  |                             |
| V TECHNOLOGY   |   |   |  | 363                         |
| VANGUARD       | 155,167,222   |   |  |                             |
| VECO           | 102,105,167   |   |  |                             |
| VECTOR         |   | 276   |  |                             |
| VENTANA        |   |   |  | 315,318                     |
| VESTEL         | 102,103,105,115,127,149,165,186,222,229,230,532,657,727,732,961   |   | 686(DVD)<br>806,<br>816(HIFI)<br>821(DVD)<br>841(DVD)  | 530,587,687,585,922         |



**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device               | TV  | VCR         | AUX                              | SAT                     |
|----------------------------|---|-------------|----------------------------------|-------------------------|
| VEXA                       | 102,103,155,167,177,222,465                             | 250,903     |                                  |                         |
| VICEROY                    | 155,164,187   |             |                                  |                         |
| VICTOR                     |   | 290         |                                  |                         |
| VIDAR                      |   | 278         |                                  |                         |
| VIDEO E. CLUB              |   | 278         |                                  |                         |
| VIDEO TECHNIK              |   | 261,283     |                                  |                         |
| VIDEOCON                   | 105   |             |                                  |                         |
| VIDEOLÓGIC                 | 155,177   |             |                                  |                         |
| VIDEOMAC                   | 155,187   |             |                                  |                         |
| VIDEOTON                   | 102,151,154,155,207,217,221,222,229,230,507             |             |                                  |                         |
| VIDIKRON                   | 234   |             |                                  |                         |
| VIDION                     | 167   | 278         |                                  |                         |
| VIDITAL                    |   | 272,903     |                                  |                         |
| VISA                       | 121,218,736   | 907         |                                  |                         |
| VISAELECT                  | 127,155,230   |             |                                  |                         |
| VISION 2000                | 102,167   |             |                                  |                         |
| VISIOREX                   | 154   |             |                                  |                         |
| VISIOSAT                   |   |             |                                  | 374                     |
| VISTAR                     | 224,231   |             |                                  |                         |
| VORTEC                     |   |             |                                  | 361,362,406             |
| VOXSON                     | 121,133,205,210,218                                     |             |                                  |                         |
| W. WESTINGH. ><br>FORMENTI |   |             |                                  |                         |
| W.WESTINGH.                | 101,102,115,127,155,205,207,230,234                     | 272,278,289 |                                  |                         |
| WALKIE                     | 108   |             |                                  |                         |
| WALTHAM                    | 149,221,230   |             |                                  |                         |
| WATSON                     | 102,105,171,187,218,230,234,235,497,532,727             | 250,271     |                                  |                         |
| WATT RADIO                 | 155,156,205,207,210,213,220,223,235,497,532,727         | 271,272     |                                  |                         |
| WEGA COLOR                 | 161   |             |                                  |                         |
| WEGA VISION                | 161   |             |                                  |                         |
| WEGAVOX                    | 102,149,167,207,229,532,727                             |             |                                  |                         |
| WELTBlich                  |   | 289         |                                  |                         |
| WELTBlick                  | 102,234   | 250         |                                  |                         |
| WESTON                     | 230   |             |                                  |                         |
| WHARFEDALE                 |   |             | 607(DVD)                         |                         |
| WHITE WESTING              | 101,102,107,115,125,127,155,167,202,205,207,230,234,544 | 272,278,289 |                                  |                         |
| WINERSAT                   | 167,465   |             |                                  | 353,369,374             |
| WINSTON                    | 102,167,465   |             |                                  |                         |
| WINTERNITZ                 | 167,169,170,496   |             |                                  |                         |
| WISI                       |   |             |                                  | 322,341,342,355,390     |
| WORLD TECH                 | 102   |             |                                  |                         |
| WORLD SAT                  |   |             |                                  | 492,650,651,654,655,656 |
| XCOM                       |   |             |                                  | 492                     |
| XSAT                       |   |             |                                  | 492                     |
| YAIM NETSTATION            |   |             | 875(DVD)<br>876(DVD)<br>877(DVD) |                         |

**ST-01E UNIVERSAL REMOTE CONTROL CODE LIST**

| Brand/Device     | TV                      | VCR                     | AUX  | SAT                                 |
|------------------|-------------------------|-------------------------|--|-------------------------------------|
| YAMAHA           |                         | 276,290                 | 313<br>617(DVD)<br>622(DVD)<br>623(DVD)<br>640(DVD)<br>643(DVD)<br>795<br>834(DVD)<br>837(DVD)<br>878(DVD) |                                     |
| YAMAKAWA         |                         |                         | 616(DVD)   |                                     |
| YELEFUNKEN       |                         |                         |  | 938                                 |
| YENICAG          |                         |                         |  | 436,479,574,586                     |
| YES              |                         |                         |  | 765                                 |
| YOKO             | 102,155,167,187,191,221 | 250,261,283,286,<br>289 |  |                                     |
| YONSAT           |                         |                         |  | 522                                 |
| YORK             | 177                     |                         |  |                                     |
| YUMATU           | 102,167,187,207,482     |                         |  | 375,387,394,419,450,454,557,<br>919 |
| YUMATIUI         |                         |                         |  | 917                                 |
| ZAHAV            |                         |                         |  | 749                                 |
| ZAMPA            | 219                     | 273                     |  |                                     |
| ZANELA           |                         | 261,278,283             |  |                                     |
| ZANUSSI > SELECO |                         |                         |  |                                     |
| ZEHNDER          |                         |                         |  | 341,375                             |
| ZENITH           |                         |                         | 600(DVD)<br>606(DVD)   |                                     |
| ZIRWATEL         | 167,700                 |                         |  | 564                                 |
| ZODIAC           |                         |                         |  | 746,751,766,772                     |
| ZOPPAS > SELECO  |                         |                         |  |                                     |
| OTHERS           | 660                     | 578,591,660             | 586,661,665,<br>954(DVD)   |                                     |