

Follow the steps below to program each remote control for each television:

### **Program the Remote Control - Manual Method**

The Remote control can be programmed by pressing in a three-digit code number that corresponds to a particular manufacturer and brand of Audio/Video Component. The three-digit code numbers are listed in the Set-up Code list below.

1. Turn on the TV you wish to program.
2. Press the [TV] button and the [OK] button simultaneously. The [TV] LED will turn on indicating the TV is ready to be programmed.
3. Enter the 3-digit brand code according to the make of the TV that is being controlled. As each of the digits are entered, the TV button will briefly flash off and on again. When the third digit has been entered, the TV button will go out.
4. *\*Tip: If you do not begin entering code numbers within 20 seconds, the component LED light will turn off and exit set-up mode and you will need to start over.*
5. *\*Tip : The component will turn off when the correct three-digit code number has been entered. You can verify you have selected the correct code by pressing the [POWER] button. The component should turn on or off.*
6. *\*Tip: Most TV makes have more than one brand code listed in the brand code table – if this is the case try all brand codes that are listed for that make until a suitable match is found. If no brand code is listed for the TV, try brand codes for common televisions such as Philips and NEC.*

ARCHER 116

AUDIOSONIC 100

AUDIOVOX 105, 116, 197, 199

#### **B**

BAUER 044

BAUR 100

BAYSONIC 105

BEIJING 151, 155, 156

BELCOR 036, 103, 157

BELL & HOWELL 038, 098, 099

BEON 100

BRADFORD 105

BROCKWOOD 036, 103

BROKSONIC 083, 116, 200

BUSH 100

#### **C**

CANDLE 035, 036, 041, 096, 097, 111, 113, 215

CAPEHART 102

CARNIVALE 041, 157

CARVER 010, 163, 213

CATHAY 100

CELEBRITY 095, 195, 232

CENTURION 041

CHANGHONG 154, 155, 156, 162

CINERAL 105, 197, 199

CITIZEN 035, 036, 041, 092, 093, 094, 096, 097, 105, 111, 112, 113, 149, 197, 215

CLAIRTONE 101

CLARIVOX 100

CONCERTO 035, 097, 215

CONROWA 175

CONTEC 090, 091, 101, 105

CORANDO 094

CRAIG 025, 105

CROSLEY 163, 213

CROWN 094, 105

CURTIS MATHES 016, 036, 038, 041, 055, 069, 075, 093, 094, 098, 111, 114, 127, 149, 163, 196, 198, 212, 213, 215, 219, 228, 229, 231, 233

CXC 105

**D**

DAEWOO 029, 030, 033, 036, 072, 094, 100, 103, 105, 112, 119, 153, 157, 158, 159, 160, 199, 197  
DANSAI 100  
DAYTRON 036, 094, 103  
DECCA 027, 100  
DENON 069  
DIXI 033, 100, 107  
DUMONT 001, 036, 089, 103  
DWIN 076  
DYNATECH 088

**E**

ELECTROBAND 095, 101, 195, 232  
ELECTROHOME 094  
ELECTRON 094  
ELIN 100  
ELTA 033  
EMERSON 000, 002, 006, 007, 008, 009, 011, 036, 038, 041, 081, 082, 083, 084, 085, 086, 087, 090,  
092, 094, 098, 101, 103, 105, 108, 109, 200, 217  
ENVISION 036, 041, 111  
ERRES 100  
ETRON 033

**F**

FERGUSON 100  
FINLUX 100  
FISHER 017, 038, 080, 098  
FORMENTI 044  
FORMONTI 100  
FORTRESS 114  
FUJITSU 109, 217, 224  
FUNAI 048, 105, 109, 141, 150, 152, 217  
FUTURETECH 105

**G**

GE 013, 016, 020, 036, 041, 075, 076, 077, 078, 079, 081, 086, 104, 114, 127, 196, 199, 212, 214,  
228, 229, 231, 233  
GEC 027, 100  
GEMINI 039  
GENEXXA 043  
GIBRALTER 089, 103, 111  
GOODMANS/TASHIKO 027, 066, 100  
GRADIENTE 028, 065, 157, 215  
GRANADA 100  
GRUNDIG 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188  
GUNPY 105, 109, 217

**H**

H/K 072  
HALLMARK 036, 041, 086  
HANSEATIC 100  
HARLEY Davidson 109, 217  
Harman/Kardon 163, 213  
HARVARD 105, 106  
HINARI 100, 109  
HITACHI 018, 035, 067, 068, 069, 070, 071, 087, 094, 097, 135, 215  
HYPSON 100

**I**

IMA 105  
INDIANA 100  
INFINITY 163, 213  
INFINITY REFERENCE 010  
INTEQ 001, 089  
INTERFUNK 100  
ITT 061

**J**

JANEIL 113  
JBL 010, 163, 213  
JCB 095, 195, 232  
JENSEN 031  
JINXING 153, 154, 155, 156, 157, 162, 163, 164, 165, 169, 173  
JVC 026, 028, 064, 065, 066, 084

**K**

KAWASHO 090  
KAYPANI 102  
KEC 105  
KENWOOD 036, 041, 103, 111  
KLOSS 063, 072, 113  
KONKA 221, 222, 225, 226  
KTV 041, 092, 094, 101, 105, 111

**L**

LEYCO 100  
LG (GOLDSTAR) 003, 012, 035, 036, 041, 073, 074, 086, 094, 097, 100, 103, 111, 115, 215  
LIESENK & TTER 100  
LLOYTRON 094  
LOEWE 100  
LOGIK 099, 177  
LUXMAN 035, 097, 215  
LXI 010, 036, 038, 041, 062, 076, 086, 098, 163, 196, 213, 228, 233

**M**

MAGNAVOX 010, 034, 039, 040, 041, 042, 058, 059, 060, 061, 063, 066, 096, 111, 163, 213, 217, 218, 230  
MAJESTIC 099  
MARANTZ 010, 022, 036, 041, 100, 111, 213  
MARK 100  
MATSUI 027, 033, 100  
MATSUSHITA 019  
MEDIATOR 100  
MEGATRON 036, 041, 069, 086, 116  
MEI 101  
M-ELECTRONIC 075, 089, 196  
M-ELECTRONIC 100  
MEMOREX 022, 033, 036, 038, 041, 057, 086, 097, 098, 099, 177, 215, 217  
METZ 179, 183, 189, 190, 191, 192, 193, 194  
MGA 022, 036, 056, 041, 057, 086, 103, 111  
MIDLAND 001, 019, 075, 076, 089, 094, 115, 200, 212, 228, 233  
MINUTZ 079  
MITSUBISHI 022, 032, 036, 056, 057, 066, 079, 086, 103, 110, 114, 138  
MONTGOMERY 109  
MOTOROLA 022, 041, 104, 114, 127, 157, 214  
MTC 035, 036, 041, 088, 093, 097, 101, 103, 111, 149, 215  
MULTITECH 088, 105, 127

**N**

NAD 036, 055, 062, 086, 105  
NEC 024, 035, 036, 041, 066, 097, 103, 105, 111, 132, 171, 215  
NECKERMANN 100  
NEI 100  
NIKKAI 027, 043, 100, 115  
NIKKO 036, 041, 086, 105, 111, 112, 197  
NOSHI 053  
NOVABEAM 072  
NTC 105, 112, 157

**O**

ONWA 041, 105, 157, 197

OPTIMUS 038, 055, 105  
OPTONICA 019, 054, 098, 114, 198  
ORION 083, 100, 127, 217  
OSAKI 027, 115  
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PANASONIC 010, 019, 025, 075, 083, 104, 109, 131, 137, 143, 200, 212, 214  
PANDA 154, 172  
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PHILIPS 010, 040, 069, 100, 157, 163, 200, 213  
PHONOLA 100  
PILOT 010, 036, 041, 094, 103, 111, 163  
PIONEER 051, 055, 087, 157, 223  
PORTLAND 036, 094, 103, 105, 112, 198  
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PRINCETON 227  
PRISM 075, 157, 197, 212  
PROSCAN 075, 076, 228, 233  
PROTECH 100  
PROTON 036, 050, 086, 094, 102, 116, 196, 219  
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PULSER 103

**Q**

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QUELLE 100

**R**

RADIO SHACK 036, 041, 038, 054, 075, 094, 103, 105, 112, 115, 127, 157, 196, 215, 228, 233  
RADIOLA 100  
RCA 005, 014, 015, 018, 019, 036, 041, 049, 053, 075, 076, 077, 087, 103, 114, 212, 216, 223, 228, 229, 233, 231, 235, 236, 237  
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RHAPSODY 101  
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SAMPO 036, 041, 094, 102, 105, 111, 115  
SAMSUNG 033, 034, 035, 036, 041, 086, 093, 094, 097, 100, 103, 111, 115, 149, 215  
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SANSEI 199  
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SCOTT 036, 041, 083, 086, 094, 103, 105, 109, 217  
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TELETECH 033  
TERA 050  
THAKRAL 167  
THORM 100  
TMK 035, 036, 041, 086, 097, 108, 215  
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**U**

UNIVERSAL 078, 079  
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**V**

VECTOR RESEARCH 036, 041, 111  
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VIDEO CONCEPT 110  
VIDIKRON 010, 021, 163, 213  
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**W**

WARDS 010, 036, 041, 045, 054, 058, 059, 060, 061, 077, 078, 079, 086, 097, 099, 103, 109, 111, 177, 213, 215, 217  
WATSON 100  
WHITE WESTINGHOUSE 200

**X**

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**Y**

YAMAHA 036, 041, 103, 111  
YOKO 100

**Z**

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