



# Amino Remote Control Codes (EU)

Product information

Cognidox AM-004646-TC

Version 1.4

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## Revision history

| Rev | Date       | Author     | Description                                |
|-----|------------|------------|--|
| 1.3 | 09/09/2010 | Chris Delf | Rebranded under new company logo           |
| 1.4 | 23/11/2011 | Chris Delf | Code 231 removed from Ferguson TV category |

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## 1 Introduction

This document is a basic guide for the grey Amino remote control pictured on the right. It does not provide an end-user guide for the remote control. The end-user interface is governed by the middleware that is being used by any given service provider so will vary between different installations.



The information contained in this guide is relevant to remote controls with European codesets. To determine whether this is correct for your remote control you will need to check the top number on the reverse of the remote control. EU part numbers include:

|               |               |
|---------------|---------------|
| 002-458-XX-XX | 003-178-XX-XX |
| 502-458-XX-XX | 003-260-XX-XX |
| 002-492-XX-XX | 503-260-XX-XX |
| 002-520-XX-XX | 510-660-XX-XX |
| 002-802-XX-XX | 510-809-XX-XX |
| 002-957-XX-XX |               |

If your part number is not in this list, please check the US/Asia Guide. If you cannot see it listed in either please email the part number to [info@aminocom](mailto:info@aminocom) to check which codeset is used.

## 2 Mode

In common with most universal remotes, the Amino remote is moded and operates in one of two modes, either STB mode or TV mode.

The mode is selected by pressing the TV  or STB  mode-select button at the top of the remote. When pressed, the TV or STB mode-select button illuminates for 1 second to indicate that the corresponding mode has been set. The TV and STB buttons do not transmit any IR commands to either the TV or the STB.

When any function button on the remote is pressed, the TV or STB button will light to indicate that a command is being transmitted in that mode.



The mode remains selected until changed by the user.

If a button has no valid function in that mode, neither the TV nor STB mode buttons will light.

## 3 TV Compatibility

In order for the remote to transmit the correct signals to control the TV, the remote must first be programmed with the 3-digit code corresponding to the make and model of TV in use.

This is done in the following way:

- Identify the make of the TV that is to be controlled. For example, Sony, Magnavox, Philips etc, and find it in the Table of TV Brand Codes below.
- Simultaneously press and hold the TV  and OK  buttons on the remote – after approximately 2 seconds, the TV button will light.
- Release the TV and OK buttons – the TV button remains illuminated.
- Now 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.
- If a TV brand code has been entered that the remote does not recognise, the TV button will flash rapidly for a second and remain illuminated. If this happens, re-enter the correct TV brand code.
- Verify that the remote control works with the TV.
- If no brand code is entered, or the brand code entered is incomplete, after several seconds, the remote will exit the TV brand code entry mode and the TV brand code will be unchanged.
- The remotes are supplied by default with TV Brand Code 000.

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.

### 3.1 Table of TV Brand Codes

*Please note: Certain codes are only available in newer remote controls (including 002-458-01-01 and any part number starting with a 5). If it is not available in your remote then, after entering it, the TV button will flash rapidly for a second and remain illuminated. Please contact your STB provider to see if a newer version of your remote is available.*

| TV Manufacturer | Brand Codes  |
|-----------------|--|
| ADMIRAL         | 041, 045, 091, 102, 108                                    |
| AIKO            | 089  |
| AIWA            | 294, 295   |
| AKAI            | 006, 010, 023, 119, 135, 159, 164, 179, 189, 198           |
| AKURA           | 133  |
| ALBA            | 124, 133, 236  |
| ALBIRAL         | 197  |
| AMSTRAD         | 130, 151   |
| ANAM            | 117  |
| ARC EN CIEL     | 057  |
| ARCAM           | 057, 076   |
| ARISTONA        | 075  |
| ARTHUR MARTIN   | 045, 164   |
| ASA             | 041, 045, 052, 078, 087, 102, 108, 142, 205, 209, 215, 255 |
| ASTRA           | 151  |
| ATANTIC         | 076  |
| ATLANTIC        | 076  |
| ATORI           | 151  |
| AUDIOSONIC      | 118, 132, 151  |
| AUSIND          | 049, 141   |
| AUTOVOX         | 009, 035, 048, 049, 060, 078, 095, 105, 108, 139, 142      |
| BAIRD           | 110, 135   |

| TV Manufacturer    | Brand Codes  |
|--------------------|--|
| BANG & OLUFSEN     | 108, 341, 342  |
| BASIC LINE         | 132, 133   |
| BAUER              | 145  |
| BAUR               | 004, 006, 012, 013, 022, 156   |
| BEKO               | 249, 250   |
| BLAUPUNKT          | 022, 023, 024, 025, 047, 074, 220, 221, 222, 223, 224, 226, 257, 258 |
| BRANDT             | 057, 065, 073, 090, 182  |
| BRIONVEGA          | 102, 105, 108  |
| BRITANNIA          | 076  |
| BRUNS              | 082, 099, 102, 108   |
| BSR                | 039, 069, 162, 190, 198  |
| BUSH               | 045, 124, 133, 164, 174, 213, 215                                    |
| BUSH (UK)          | 048, 156, 161  |
| CANDLE             | 079  |
| CENTURY            | 102, 108   |
| CGE                | 049, 081, 098, 140, 153, 161, 162, 198, 220, 225, 227                |
| CITIZEN            | 079  |
| CLARIVOX           | 082, 096, 197  |
| CLATRONIC          | 118, 133   |
| CONCERTO           | 079  |
| CONDOR             | 076  |
| CONTEC             | 015, 117   |
| CONTINENTAL EDISON | 057, 065, 090  |

| TV Manufacturer  | Brand Codes   |
|------------------|---|
| CRAIG            | 117   |
| CROSLEY          | 002, 049, 102, 108, 140, 198, 220, 225, 227   |
| CROWN            | 254   |
| CTC CLATRONIC    | 026   |
| CXC              | 117   |
| DAEWOO           | 010, 150, 151, 261  |
| DANSAI           | 010   |
| DECCA            | 027, 058, 060, 097, 110, 169  |
| DECCA (UK)       | 027, 058, 060, 110, 168   |
| DEGRAAF          | 045, 135  |
| DIXI             | 099, 151  |
| DOMEOS           | 010   |
| DORIC            | 103   |
| DUAL             | 009, 060, 161, 164, 210   |
| DUAL-TEC         | 060, 151, 162, 211  |
| DUMONT           | 026, 052, 078, 102, 108, 198, 212, 215  |
| DYNATRON         | 010   |
| ELBE             | 155, 197, 203   |
| ELECTRO TECH     | 151   |
| ELEKTRONSKA      | 077   |
| ELMAN            | 026, 162  |
| ELTA             | 151   |
| EMERSON          | 092, 102, 108, 112, 117, 126, 130   |
| ERRES            | 010   |
| ETRON            | 198   |
| EUROPHON         | 026, 058, 060, 077, 109, 162, 200   |
| FENNER           | 010, 151  |
| FERGUSON         | 028, 037, 055, 065, 078, 086, 088, 113, 118, 136, 146, 197, 199, 228, 234                     |
| FIDELITY         | 045, 076, 228   |
| FIDELITY (UK)    | 056, 059, 193, 228  |
| FILMNET          | 114   |
| FINLANDIA        | 045, 232  |
| FINLUX           | 002, 026, 049, 052, 078, 081, 087, 108, 141, 142, 198, 205, 209, 212, 215, 255, 349, 350, 351 |
| FIRST LINE       | 198   |
| FISHER           | 002, 009, 014, 051, 060, 080, 082, 098, 102, 108, 198, 209                                    |
| FORGESTONE       | 228   |
| FORMENTI         | 045, 049, 076, 108, 145, 154, 198   |
| FORMENTI-PHOENIX | 002, 043, 045, 059, 141   |
| FORTRESS         | 108   |

| TV Manufacturer | Brand Codes   |
|-----------------|---|
| FRONTECH        | 045, 118, 198   |
| FUJITSU         | 126   |
| FUNAI           | 039, 069, 117, 118, 126   |
| FUTURETECH      | 117   |
| GBC             | 002, 014, 132, 151, 162, 198  |
| GEC             | 045, 110, 128, 232  |
| GEC (UK)        | 003, 008, 058, 060, 110, 128, 156   |
| GELOSO          | 002, 041, 045, 132, 151, 162, 198   |
| GENERAL TECHNIC | 268   |
| GENEXXA         | 045, 133  |
| GOODMANS        | 014, 110, 137, 164, 230   |
| GORENJE         | 098, 106  |
| GRAETZ          | 045   |
| GRANADA         | 014, 045, 049, 058, 060, 110, 111, 135, 198, 232  |
| GRANADA (UK)    | 008, 014, 045, 049, 058, 060, 103, 131, 152, 156, 164   |
| GRUNDIG         | 022, 023, 047, 049, 071, 074, 138, 202, 204, 214, 215, 282, 283, 284, 285   |
| HANSEATIC       | 002, 012, 014, 043, 059, 156  |
| HANTAREX        | 058   |
| HEMMERMANN      | 006   |
| HIFIVOX         | 033, 057  |
| HINARI          | 007, 014, 045, 126, 135, 151, 164, 198, 201   |
| HITACHI         | 000, 001, 003, 008, 014, 029, 033, 034, 045, 060, 063, 070, 128, 156, 160, 182, 183, 184, 186, 187, 188, 189, 194, 198, 205, 232, 234 |
| HYPER           | 059, 060, 151, 162  |
| HYUNDAI         | 353   |
| IMPERIAL        | 045, 049, 081, 098, 140, 161, 162, 220, 225, 227  |
| INGERSOL        | 151   |
| INNO HIT        | 058, 060, 084, 110, 133, 137, 151, 201  |
| INNOVATION      | 259, 260, 261, 262, 264, 265, 266, 271, 272, 276, 277, 278  |
| INTERFUNK       | 003, 004, 006, 012, 018, 045, 049, 108, 164, 179, 182, 198, 223   |
| IRRADIO         | 049, 132, 133, 137, 141, 151, 201   |
| ISUKAI          | 133   |
| ITT             | 003, 004, 005, 006, 007, 008, 018, 041, 045, 049, 124, 129, 135, 150, 160, 164, 174, 192, 198, 209, 233, 243                          |
| ITT-NOKIA       | 003, 004, 005, 006, 007, 008, 018, 041, 045, 049, 124, 129, 135, 150, 160, 164, 174, 192, 198, 209, 233, 243                          |
| JVC             | 007, 072, 144, 158, 159, 174, 179   |
| KAISUI          | 059, 132, 133   |

| TV Manufacturer     | Brand Codes  |
|---------------------|--|
| KAMOSONIC           | 060  |
| KARCHER             | 059, 060, 084, 109, 132, 151, 156, 205   |
| KAWASHO             | 076  |
| KENDO               | 026  |
| KENNEDY             | 002, 035, 095, 198   |
| KONKA               | 270  |
| KORTING             | 043, 101, 102, 108, 154  |
| KTV                 | 060, 117   |
| LENOIR              | 060, 151   |
| LEYEO               | 118  |
| LG(GOLDSTAR)        | 059, 060, 076, 079, 137, 149, 151, 156, 162, 164, 315, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340 |
| LIFETEC             | 259, 260, 261, 262, 264, 265, 266, 267, 268, 269, 271, 276, 277, 278   |
| LOEWE OPTA          | 012, 013, 058, 061, 108  |
| LOGIC               | 169, 228   |
| LOGIK               | 055, 168, 228  |
| LOWEWE              | 083  |
| LUMA                | 035, 045, 190  |
| LUXMAN              | 079  |
| LUXMAN STEREO TUNER | 079  |
| LUXOR               | 000, 006, 018, 034, 042, 045, 046, 049, 060, 067, 135, 137, 156, 160, 191, 192, 198  |
| LYCO                | 118  |
| MAGNADYNE           | 002, 006, 026, 058, 064, 077, 102, 108, 162, 198   |
| MAGNAFON            | 026, 049, 058, 059, 064, 076, 109, 200   |
| MANESTH             | 010  |
| MARANTZ             | 010  |
| MARELLI             | 108  |
| MARK                | 010  |
| MATSUI              | 006, 045, 060, 069, 110, 115, 124, 127, 130, 151, 156, 168, 169  |
| MAXIMAL             | 007, 198   |
| MCMICHAEL           | 128  |
| MEDION              | 259, 260, 261, 262, 264, 265, 266, 267, 268, 269, 271, 272, 276, 277, 278  |
| MEMOREX             | 151  |
| METZ                | 023, 074, 100, 104, 108, 148, 207, 208   |
| MGA                 | 123  |
| MICROMAXX           | 259, 262, 264, 265, 271, 276, 277, 278   |
| MINERVA             | 022, 023, 049, 138, 214, 215   |
| MISTRAL             | 228  |

| TV Manufacturer   | Brand Codes   |
|-------------------|---|
| MITSUBISHI        | 014, 020, 023, 066, 119, 120, 123, 167, 169, 174  |
| MIVAR             | 049, 050, 058, 059, 076, 077, 137, 143, 203   |
| MTC               | 079   |
| MULTITECH         | 026, 058, 060, 064, 098, 132, 151   |
| MURPHY            | 045, 209  |
| MURPHY (UK)       | 008, 103  |
| N.E.I.            | 010, 096  |
| NAD               | 134   |
| NEC               | 014, 171, 172, 173  |
| NECKERMANN        | 045, 060, 098, 108, 156, 193, 198, 221, 223, 224  |
| NEDIATOR          | 010   |
| NICAMAGIC         | 076   |
| NIKKAI            | 110, 133, 164, 170, 201   |
| NOBLIKO           | 026, 049, 059, 064, 138, 141  |
| NOGAMATIC         | 057   |
| NOKIA             | 003, 004, 005, 006, 007, 008, 018, 041, 045, 049, 124, 129, 135, 150, 160, 164, 174, 192, 198, 209, 233, 243, 246, 279, 348 |
| NORDMENDE         | 003, 029, 033, 045, 053, 054, 057, 105, 113, 159, 179, 181, 182, 189, 194, 263  |
| OCEANIC           | 032, 165, 198   |
| OCEANIC (F)       | 003, 006, 032, 044, 166   |
| ONCEAS            | 060   |
| ONWA              | 117   |
| ORION             | 006, 039, 069, 085, 121, 124, 125, 130, 148, 151, 168, 169, 198, 237, 242   |
| OSAKA             | 201   |
| OSAKI             | 110, 133, 201   |
| OSUME             | 015   |
| OTTO VERSAND      | 002, 012, 014, 022, 060, 156, 174, 198  |
| PAEL              | 059, 141  |
| PANASONIC         | 003, 020, 021, 045, 070, 131, 175, 196, 256, 274  |
| PANORAMIC         | 235   |
| PATHE MARCONI     | 057   |
| PATHE' CINEMA (F) | 043, 059, 162, 166, 197   |
| PAUSA             | 151   |
| PAUZA             | 151   |
| PERDIO            | 089, 110  |
| PHILCO            | 002, 049, 081, 098, 102, 108, 140, 161, 162, 175, 220, 225, 227, 245, 247   |
| PHILIPS           | 010, 036, 059, 062, 068, 075, 076, 102, 108, 128, 203, 228, 229, 243, 244, 251, 273   |

| TV Manufacturer  | Brand Codes   |
|------------------|---|
| PHOENIX          | 108   |
| PHONOLA          | 075, 108  |
| PIONEER          | 029, 045, 134, 182  |
| PRANDONI-PRINCE  | 041, 045, 049, 058, 141   |
| PRANDONI-PROMCE  | 045, 049, 058   |
| PRIMA            | 045   |
| PROFEX           | 198   |
| PROTECH          | 064, 118, 198   |
| QUELLE           | 004, 006, 012, 022, 023, 039, 049, 052, 060, 078, 137, 138, 141, 142, 164, 168, 205, 209, 214, 215, 220, 221, 223, 224, 225, 227, 255, 257, 258 |
| RADIOMARELLI     | 010, 045, 066, 077, 108   |
| RADIONETTE       | 003, 205, 209   |
| RADIOLA          | 229   |
| RANK             | 048, 215  |
| RBM              | 213, 215  |
| RBM (UK)         | 048   |
| REDIFFUSION      | 045, 066, 164, 198, 233   |
| REDIFFUSION (UK) | 006, 008, 103   |
| REX              | 007, 010, 035, 041, 045, 095, 190, 206, 210, 211  |
| RFT              | 099, 251  |
| ROADSTAR         | 132, 151, 286, 287, 288, 289, 290, 291, 292, 293  |
| ROTEL            | 015   |
| SABA             | 029, 033, 042, 045, 053, 054, 057, 058, 065, 073, 093, 102, 107, 108, 113, 179, 181, 182, 189, 194, 263   |
| SACCS            | 197   |
| SAISHO           | 045, 060, 116, 124, 130, 151, 167, 168, 169   |
| SALORA           | 001, 004, 006, 007, 034, 045, 067, 129, 135, 152, 156, 160, 164, 191, 192, 193, 198, 232  |
| SAMBERS          | 026, 049, 058, 064, 109, 137, 141, 200  |
| SAMSUNG          | 010, 060, 084, 098, 110, 118, 137, 151, 201, 314, 315, 316, 317, 318, 319; 354  |
| SANYO            | 014, 015, 040, 060, 080, 082, 098, 102, 110, 111, 129, 135, 169, 174, 205, 209, 255   |
| SBR              | 068, 075, 128, 228  |
| SCHAUB LORENZ    | 045   |
| SCHNEIDER        | 002, 007, 009, 045, 051, 059, 060, 075, 132, 136, 162, 164, 210, 211, 229   |
| SCOTT            | 117, 126  |
| SEG              | 026, 060, 082, 099  |
| SEI              | 064, 069, 108, 130, 148, 198  |
| SELECO           | 007, 010, 035, 041, 045, 095, 190, 206, 210, 211  |

| TV Manufacturer | Brand Codes  |
|-----------------|--|
| SENTRA          | 160  |
| SHARP           | 014, 015, 019, 176, 178  |
| SIAREM          | 002, 026, 058, 064, 102, 108, 198  |
| SICATEL         | 197  |
| SIEMENS         | 015, 022, 023, 045, 074, 201, 220, 221, 222, 223, 224, 226, 257, 258   |
| SILVER          | 118  |
| SINGER          | 002, 026, 102, 108   |
| SINUDYNE        | 002, 006, 010, 026, 039, 064, 069, 085, 094, 102, 108, 124, 130, 132, 148, 163, 198                          |
| SKANTIC         | 045  |
| SKYWORTH        | 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311   |
| SOLAVOX         | 045, 164, 201  |
| SONOKO          | 010, 118, 151  |
| SONY            | 014, 017, 112, 168, 169, 275   |
| SOUNDESIGN      | 117  |
| SSS             | 117  |
| STERN           | 007, 010, 035, 041, 045, 095, 190, 206, 210, 211   |
| SUNKAI          | 069  |
| SUPRA           | 079  |
| TANDBERG        | 016, 033, 061, 102, 142, 177, 179, 208   |
| TANDY           | 019, 045, 133, 153   |
| TASHIKO         | 014  |
| TATUNG          | 027, 058, 060, 097, 110, 168, 169  |
| TCL             | 296, 297   |
| TCM             | 262, 264, 271, 276, 277, 278   |
| TECHNICS        | 131  |
| TECHWOOD        | 079  |
| TEKNIKA         | 117, 123, 126  |
| TELE            | 114  |
| TELEAVIA        | 057, 065, 073, 182   |
| TELEFUNKEN      | 029, 030, 031, 055, 073, 113, 147, 159, 179, 180, 181, 182, 199, 216, 217, 218, 219, 220, 225, 227, 252, 263 |
| TELETECH        | 151  |
| TEMPEST         | 238, 239, 240, 241   |
| TENSAI          | 133, 209   |
| TEXET           | 060  |
| THOMSON         | 033, 048, 053, 057, 063, 065, 073, 090, 124, 157, 159, 179, 181, 182, 189, 194, 253, 352                     |
| THORN           | 074, 086, 209, 225, 227, 228   |
| THORN-FERGUSON  | 028, 037, 055, 065, 078, 086, 088, 113, 118, 136, 146, 197, 199, 228   |





| <b>TV Manufacturer</b> | <b>Brand Codes</b>                                    |
|------------------------|---|
| TMK                    | 014, 079, 147   |
| TOSHIBA                | 014, 038, 048, 122, 127, 170, 174, 185, 215, 280, 281 |
| TRANS CONTINENS        | 045   |
| TRISTAR                | 228   |
| TRIUMPH                | 048, 058, 212   |
| UHER                   | 043, 045, 048, 049, 051, 131, 154                     |
| ULTRAVOX               | 002, 026, 059, 102, 108, 198                          |
| UNITED                 | 288, 290, 312, 313                                    |
| UNIVERSUM              | 118, 205  |
| UNIVOX                 | 197   |
| VEGAVOX                | 081   |
| VEXA                   | 010, 151  |
| VICTOR                 | 144, 159  |
| VIDEOTON               | 248   |
| VORTEC                 | 010, 065  |
| VOXSON                 | 041, 045, 049, 102, 108                               |
| WALTHAM                | 045   |
| WATSON                 | 043, 220, 224   |
| WATT RADIO             | 002, 006, 026, 059, 064, 076, 109, 197, 198, 200      |
| WEGA                   | 014, 108, 198   |
| WEGA COLOR             | 102   |
| WELTBlick              | 010   |
| WESTON                 | 162   |
| WHITE WESTINGHOUSE     | 010, 026, 043, 059, 076, 140, 154                     |
| YOKO                   | 060, 151  |
| ZANUSSI                | 007, 010, 035, 041, 045, 095, 190, 206, 210, 211      |
| ZENITH                 | 343, 344, 345, 346, 347                               |
| ZOPPAS                 | 045   |

## 4 STB Compatibility

At short range all the Amino remote controls will work with all Amino Set-Top Boxes. At longer range it may be necessary to ensure the correct STB brand code has been selected. This only applies to remote part numbers beginning 510. Remote part numbers beginning 002, 003, 502 or 503 will only work with A103/A110(H)/A120/A124/A500 boxes at longer distances. If you have been given an incompatible remote control please consult your service provider.

| Remote Part Number | STB Brand Code (default supplied is in bold) |                      |
|--------------------|--|----------------------|
|                    | A103/A110(H)/A120/A124/A500                  | A125/A130(H)(M)/A530 |
| 002-XXX-XX-XX      | <b>000</b>                                   | N/a                  |
| 003-XXX-XX-XX      | <b>000</b>                                   | N/a                  |
| 502-XXX-XX-XX      | <b>000</b>                                   | N/a                  |
| 503-XXX-XX-XX      | <b>000</b>                                   | N/a                  |
| 510-660-XX-XX      | <b>000</b>                                   | 100                  |
| 510-809-XX-XX      | 000  | <b>100</b>           |

Once you have identified the correct brand code in the table above

- Simultaneously press and hold the STB  and OK  buttons on the remote – after approximately 2 seconds, the STB button will light.
- Release the STB and OK buttons – the STB button remains illuminated.
- Now enter the 3-digit brand code – as each of the digits are entered, the STB button will briefly flash off and on again.
- When the third digit has been entered, the STB button will go out.
- If an STB brand code has been entered that the remote does not recognise, the STB button will flash rapidly for a second and remain illuminated. If this happens, re-enter the correct STB brand code.
- Verify that the remote control works with the STB.

If no brand code is entered, or it is incomplete, after several seconds, the remote will exit the STB brand code entry mode and the STB brand code will be unchanged.

## 5 Batteries

The remote is powered by 3 x AAA, MN2400, UM-3 or LR03 batteries. The use of alkaline batteries is strongly recommended. Battery life (using alkaline batteries) is typically around 6 months of 30-minute intermittent use per day.

The battery compartment cover can be secured by a screw. The screw is supplied fitted into the base of the remote. In order to fit the battery cover screw:

- Remove the battery compartment cover.
- Remove the silver screw at the base of the remote using a Opt Pozidrive™ screwdriver.
- Fit the batteries and re-fit the battery cover.
- Fit the screw into the hole in the base of the battery compartment cover and tighten.