

Neuros OSD Remote Control Setup Instructions

Device Code Setting Mode

Manually program your OSD remote to control other devices such as your TV, VCR, cable box...

Also use to reset your Neuros OSD remote to default code.

1. Hold down the "SET" and "PWR" keys simultaneously until the LED lights up, then release both keys.
2. Enter the 3 digit code corresponding to the device you wish to control (see attached list of brand codes or **Enter 064 for default Neuros OSD code**). Once entered, the LED will flash 5 times to indicate code was set successfully.
3. Test your equipment by attempting to control the device with the remote. The programming is complete if it works.
4. Repeat steps <1> through <3> if the programming wasn't successful or if the wrong code was entered.

Note: The LED will flash 5 times then turn off when the programming is complete. The LED will remain on if there was a code setting error or if the code you entered doesn't exist. In this case, you should repeat and may want to try a different code.

Device Auto Search Mode

Automatically program your OSD remote to control other devices such as your TV, VCR, cable box...

1. Point the remote control at the device you want to control.
2. Hold down the "SET" and "PWR" keys simultaneously until the LED lights up. Release both keys, then press the "PWR" key again. The LED will blink and begin the auto search mode. (Note: you can exit the Auto Search mode at any time by pressing any key on the remote)

3. The remote will attempt to automatically program itself. You will know it was successful if and when it's capable of turning on/off the selected device. You must then immediately press any key to exit the Auto Search mode.

4. Repeat steps <1> through <3> if not successful or if you want to program a different device.

Device Semi-Automatic Search Mode

Semi-Automatically program your OSD remote to control other devices such as your TV, VCR, cable box...

1. Hold down the "SET" and "PWR" keys simultaneously until the LED lights up, then release both keys.

Press "VOL+" or "VOL-" to send out the signal codes one by one.

Press "VOL+" to select the next available code.

Press "VOL-" to select the previous code.

Press the "SET" key when you have found the correct code or want to exit the programming mode.

2. You will know you have selected the right code when the OSD remote is capable of turning the device on/off. Once you have successfully you must press the "SET" key to exit/save.

3. Repeat steps <1> through <2> if programming of keys did not complete successfully.

Device Code Number Display

You can see what three-digit code is currently programmed on your remote by holding down the "SET" key, then pressing number keys as follows:

While holding down the "SET" and "1" keys simultaneously, count the number of times the LED blinks to determine the value of the first (or left-hand) digit . While holding down the "SET" and "2" keys simultaneously, count the number of times the LED blinks to determine

the value of the second (or middle digit). While holding down the "SET" and "3" keys simultaneously, count the number of times the LED blinks to determine the value of the third (or right-hand digit).

LED blinks 0 times = 0, LED blinks 1 time = 1, LED blinks 2 times = 2, LED blinks 3 times = 3.....

Ex: If the Code is "068"

"SET" + "1" = no blinks, "SET" + "2" = 6 blinks, "SET" + "3" = 8 blinks

Device Learning Mode

1. Using the Learning Function

There are 5 function keys that can be programmed using the remote of the other device you wish to control with your OSD remote. They are: "POWER", "MUTE", "TV/INPUT", "VOL+", and "VOL-".

- A. Hold down the "SET" key until the LED lights up (approximately 3 seconds), then release it.
- B. Press the "PWR" key, the LED will blink once, and then remain on.
- C. Press and release the key on the OSD remote that you want to program. When the LED begins to blink, it means that the OSD remote is in the "waiting to learn mode". It will stay in this mode for 20 seconds. If it does not receive a signal from your other remote during that time (as described below), the OSD remote will exit the "waiting to learn mode", and you will need to repeat the above steps.
- D. With the OSD remote in the "waiting to learn mode", place the original remote control head to head with the Neuros OSD remote control. Keep the two remote controls about 5mm away from each other. Hold down the key of original remote control that you want the OSD remote to learn. When the OSD remote LED stops blinking and remains on, it means the OSD remote has learned successfully and you can release the button on the original remote. If the OSD remote has not learned the function successfully, the OSD remote LED will continue to blink.
- E. Repeat Steps C to D to teach your OSD remote any of the other 4 OSD function keys from the original remote. Press the "SET" key to exit the

learning mode when finished.

- F. An OSD remote key signal will be replaced by the new signal when you learn again on the same key.
- G. The learned signal will be saved at code "999". You can set the OSD remote to other codes, and then set the code back to "999" if you want to restore the OSD keys to the learned functions.
- H. These 5 function keys (POWER, MUTE, TV/INPUT, VOL+, VOL-) will send the learned signal when the learning is successful. If not, these 5 keys will send the signal of the original brand code.

2. Clear all the learned key function

- A. Hold down the "SET" key for 3 seconds until the LED lights up then release the "SET" key.
- B. Immediately press the "SET" key again. The LED will blink once.
- C. Immediately press the "PWR" key again. The LED will blink 3 times then turn off. The learned signal of the 5 learning keys will be cleared.

3. Clear one of the learned key functions

- A. Hold down the "SET" key for 3 seconds until the LED lights up.
- B. Press the key you want to clear. The LED will blink once if the learned signal is cleared.
- C. If you want to clear other learned key functions, without releasing the "SET" key, repeat step with the other keys. Repeat until all the desired keys are cleared.
- D. Release the "SET" key to exit the clearing mode. The LED will turn off.

Normal Controls setting

Switch between two general functions of the Neuros remote to control two different devices (Default & Optional):

1. Hold the "SET" key first, then press the "HOME" key, the LED will light up for 2 seconds.
2. In these 2 seconds, press the "ENTER" key, the LED will flash 5 times to indicate the code was switched successfully. If "ENTER" is not pressed within 2 seconds, the LED will turn off automatically, and no change will be made to the code.

Note:

- A. There are 5 function keys (POWER, MUTE, TV/INPUT, VOL+, VOL-) for TV controls, and 1 key for "SET" key, the other 36 function keys are Neuros remote control general function keys (which follow the same format as SONY VCR function keys). This is a total of 42 keys.
- B. The LED will blink 3 times when the batteries are inserted.
- C. Any time a button other than the "SET" button is pressed, the LED will blink as long as the button is sending out a signal.
- D. When a key is pressed and held, it will repeatedly-send out the signal.
- E. The remote will exit the setup mode (**Normal controls setting mode**) if you don't press any key within 2 seconds.
- F. The remote will exit the setup mode (**TV Code setting mode & TV Semi-Automatic Search Mode**) when you don't press any key within 10 seconds.
- G. The remote will exit the setup mode (**TV Learning Mode**) if you don't press any key within 20 seconds.
- H. In URC TV mode, the function keys (POWER, MUTE, TV/INPUT, VOL+, VOL-) repeatedly send out a signal when held down.
- I. Keys programmed in learned key mode (standard format) (POWER, MUTE, TV/INPUT, VOL+, VOL-) repeatedly send out signal if held down.
- J. Keys programmed in learned key mode (non-standard format) (POWER, MUTE, TV/INPUT) only send one signal for every button press. Continuous press of the button (VOL+, VOL-) will repeatedly send out a

signal every 37ms~130ms (Signal => Delay 37ms~130ms => Signal => Delay 37ms~130ms).

- K. For Neuros OSD keys: The remote will go into sleep mode and stop sending out a signal if the key is held longer than 10 seconds.
- L. TV URC or learning function keys: The remote will go into sleep mode and stop sending out signal if the key is held over 8~30 seconds (90%), 30~67 seconds (10%).

Manufacturer codes:

These are the codes organized by manufacturer name. Locate the manufacturer whose device you want to control with your Neuros OSD remote and use the listed code to program. If multiple codes are listed you will have to try each one until your Neuros OSD remote can successfully control your chosen device (see “Device Code Setting Mode” for details on programming)

ABEX	026
ACCENT	089,164
ACTION	089
ADMIRAL	089,122,197,204, 206,322,327,410
ADVENTURA	009
AGASHI	342
AIKO	064,089,143,158
AIM	101,142,151,165,199,342
AIOSTAY	089,197
AIWA	027,232,280,287,335,369
AKAI	076,089,106,119,143,147,151,157,158,165,181,185,189,195,196,197,205,208, 247,258,296,342
AKI	143
AKIRA	101,342
AKURA	089,101,158,164,195,197,342
ALBA	158,197,229,342,
ALBIRAL	136,141,142,161,159,164,179,183,197,342
ALHORI	143
ALLERON	032
ALLOGRAN	143,197, 253
AMARK	089
AMPLIVISION	142,143
AMSTRAD	089,164,165,197,342,354
ANAM NATIONAL	013,342,352,366
ANEX	342
ANGLO	164
ANITECH	089, 119,179,183,198,342
ANSONIC	342
ANTECNO	158
AOC	000,011,025,041,045,073,347,374,375,382,411
ARCELIK	102,167,197,208, 217,224,342,348,386
ARCHER	089
ARDEM	217

A.R.SYSTEMS	141,142,342
ART TECH	089,185,342
ASA	108, 116, 117,120,121,125,196,197
ASBERG	119,181,342
ASTHON	342
ASTON	221
ASTRA	089,142,147,197,222,295,306,342,474
ASTRO SOUND	142,179,183,197,342
ASUKA	158,197
ATAKI	474
ATLANTA	214
ATLANTIC	102,103,198,253,342
ATORO	089
AUDIO STAR	158,474
AUDIOSONIC	042,089,102,136,141,143,158,164,179,188,192,217,224
AUDIOTON	158,474
AURORA	089,122,143,151
AUSIND	113
AUTOVOX	089,116,118,119,138,143,151,185,197,231,253,254,294,322,342
AUVISAT	316
AWA	089,143,145,151,185,342,433
BAIRD	185,199
BANG & OLUFSEN	122,326,342
BARCO	122,132,134,159,161,197,199
BASIC LINE	042,158,197,342,474
BAUR	069,089,101,106,107,193,197,205,313,342
BAZIN	126,143,192
BEKO	102,167,192,197,203,208,217,224,244,317,342,348,386
BEKOTEKNIK	102
BELL & HOWELL	087,327,359
BENJAMIN	265
BEON	181
BIFONIC	089,143
BIGSTON	089,151,164
BLAUPUNKT	042,106,107,111,141,145,153,155,157,219,337
BLAUSONIC	143
BLUE STAR	197
BLUESKY	042,316,342
BOTECH	269,270
BOTS	324
BPL	463,464
BRENDSTAR	089
BRIONVEGA	122,124,125,132,139,140,176,197,231,237,311,342
BRITANNIA	143,197,342
BROKSONIC	039,055
BROTHER	164,222,307
BRUNS	122,177,179,183,197
BSR	192,197,229,255,354
BUSH (ATAKI)	193,195,474
CALIBER	269,279
CAMPER	192
CANDLE	009,060,073,374,375,382,391,394,395,426
CAPEHART	025
CAPSONIC	164,342
CASIO	342
CBM	119
CENTURION	073
CENTURY	122,136
CETRONIC	342
CGE	089,102,119,131,136,154,158,181,192,195,197,198,206,267,342

CGM	102,164,217,246,474
CHANGHONG	466,467,468,471,473,479,485,491,502,504,531
CHAPARRAL	400
CHUNG HSIN	411
CIE	089,151,158,255
CIHAN	192,197,342
CINTEC/CONY	342,353,395,413,414,428
CITIZEN	021,058,060,064,073,080,327,342,375,382,391,394,395
CLAIRTONE	000
CLARIVOX	119,122,136,141,142,177,187,188,342
CLASSIC	342
CLATRONIC	225
CLP	010
CLP CLASSIC	001
COFADEL	134,167,172,175
COLORTYME	073,088,374
COMPUTRON	089,165,196,240,342
CONCERTO	073,374,426
CONCIERGE	335
CONCORDE	089
CONDOR	089,119,164,179,181,183,198,320,342
CONIC	147
CONRAD	042
CONTEC/CONY	000,089,143,145,164,255,310
CONTI	342
CONTIN. FR	240,342
CONTIN.EDISON	076,125,133,134,156,167,172,175, 252,386
COSMEL	089,188
COSMOS/TOKAI	089,342
CRAIG	342,395
CROSLEY	109,119,122,131,136,154,191
CROWN/ONWASAKY	102,109,158,164,165,181,217,246,342,474
CRYSTAL	342
CS ELECTR.	158
CTC CLATRONIC.	102,119,136,143,158,164,179,181,183,225,342
CURTIS MATHES	012,021,073,080,087,327,329,342,359,374,375,447
CXC	342,395
CYMATIC	141,143,192,197
DAEWOO	011,019,038,042,046,053,061,064,073,074,089,096,098,136,138,143,151,158,185,189,302,342,374,382,396,450,451,592
DANSAI	147,164
DAWA	342
DAYTRON	073,374,382
DE GRAAF	193
DECCA	141,143,144,178,185,342
DENVER	089,342
DESMET	089,141,197,198,342
DIAMOND	089,151
DIGILINE	342
DIJITURK	100
DIMENSIA	329,359
DISASTRA	374
DIXI	089
DOMEOS	300,342
DOMOH	342
DORIC	113,191,267
DUAL	089,101,104,108,136,143,195,197,210,342,354
DUAL-TEC	042,089,101,104,108,136,143,195,197,299,300,313,342,354
DUMONT	108,117,119,120,121,122,153,179,181,183,191,335,342,435
DUX	342

D-VISION	342
DYNAMIC	089
DYNASTY	342
DYNISTY	151,342
ECHOSTAR	282
EDAN LINE	199,342
ELBE	105,141,142,143,145,172,176,191,197,204,206,262,315
ELECTRO TECH	089
ELECTROBAND	000
ELECTROHOME	073,340,352,362,374,382,426
ELEKTRA	327
ELEKTRONSKA	141,197
ELIN	089,108,143,196,197,342
ELITE	153,198
ELMAN	179,183,197,354
ELTA	077
EMERSON	000,001,002,013,014,015,023,030,031,032,037,047,055,058,062,073,075,087,090,091,102,117,120,122,136,143,164,179,183,197,198,330,341,342,354,355,356,370,374,376,377,382,391,395,414,422,434,445
ENGEL	177,197
ENVISION	073,374,375
ETRON	089,165,241,457
EUROCOM	197
EUROLINE	042
EUROMAN	109,143,342
EUROPHON	136,141,143,179,183,186,197
EXPERT	103,173,197
FAGOR	197,220
FALCON	089
FENNER	089,151,342
FIDELIS	089,143,147,342
FIDELITY	133,136,143,147,158,163,165,197,386
FILSAI	089,143
FINLANDIA	192,193
FINLUX	089,108,113,116,117,120,121,138,141,179,181,183,185,191,196,197,239,258,296,342
FIRST LINE	042,089,119,136,142,143,151,185,194,195,197,198
FISHER	087,092,102,108,122,143,145,146,149,177,191,197,199, 205, 313, 325,353
FLINT	189,315,342
FOCUS	274
FORMENTI	089,102,113,119,122,141,143,153,164,179,181,183,191,192,197,198,342,354
FORTRESS	122
FRABA	342
FRONTECH	089,136,138,143,147,193,197,342,354
FUJITEC	342
FUJITSU	032,059,104,121,143,147,158,179,183,197,253,254,342,585
FUMEO	197
FUNAI	032,089,145,164,255,342,384,387,388,395,452,582,583
FUTURETEC	342
GALACTEX	143,164
GALAXI	117,342
GALAXIS	102,117,181,342
GALAXY	106,102,117,119,143,179,181,183
GALERIA	089
GBC	089,136,145,151,158,165,185,191,197,342,474
GE	003,016,022,051,057,073,329,338,340,343,352,359,374,386,395,410,432,448
GEBER	194,197
GEC	129,141,143,145,185,191,192,193,197,256
GELESO	089,136,141,151,158,191,197
GENERAL STAR	362

GENERAL TECHNIC	089
GIANT	143,170,342,347
GIBRALTER	335,435
GITEM	106,107,167,191,194,342,386
GM	089,164,342
GMG	089,164,181,342
GOLDFUNK	246
GOLDSTAR	011,024,041,042,049,073,089,104,106,115,138,143,147,180,184,193,197,300,317,342,349,362,374,382,394,490,506,566,567,568,569,570
GOODING	240
GOODMANS	042,089,143,145,151,158,165,197,246,342,386
GORENJE	102,109,197,342
GPM	089,158
GRAETZ (ITT)	218,224,297
GRANADA	119,141,143,145,157,161,170,191,192,193,197,207,208,212,260,308,342,347
GRANDIN	173,191,197,198,315,342
GREAT WALL	164,188,189,482,484
GRENADIER	089,197,342,362
GRONIC	089,143,177,179,183,197
GRUNDIG	042,089,106,107,118,119,198,240,312,342
GRUNDY	032
GTT	181,342,474
HALLMARK	073,374
HAMERSTEIN	046,143,150,164
HAMPTON	143,191
HANIMEX	158
HANSEATIC	042,089,101,106,107,141,143,145,191,193,197,198,255,342
HANTAREX	089,141,342
HCM	089,143,197,474
HEMMERMANN	143,174,179,183,197
HEXA	187,197
HIGASHI	143
HILINE	089,164,165
HINARI	082,144,147,342
HISENSE	193,199,469,512,513,517,519,526,527,528,532,533,544,553,554
HISONIC	149
HITACHI	008,040,042,054,073,076,093,099,143,145,147,172,180,191,192,193,196,197,202,203,234,256,257,258,267,327,342,348,353,363,374,379,380,382,425,426,428
HOSHAI	474
HUMAX	273
HYPER	089,138,143,152,158,165,192,197,342,348,474
HYPSON	089,164,342
HYUNDAI	245,279,305,342
IBERVISAO	197,
ICE	158,164,165
IEG	143
IMPER	089,158,164,222,342
IMPERIAL	102,119,131,136,154,164,181,192,195,197,206,342
INDESIT	168
INF. REM. CONTR	239
INNO HIT	089,115,141,136,143,147,158,165,185,191,342,474
INTEQ	335
INTERBUY	138
INTERDISCOUNT	069,076,167,342,386
INTERFUNK	089,101,115,125,136,141,143,147,155,158,161,165,167,181,185,191,194,197,342
INTERSAT	243,251
INTERVISION	136,138,143,179,183,184,185,197,342
IRRADIO	042,089,113,115,119,138,147,158,164,165,197,246

ISKRA	141,143,179,183,197,217
ITC	143,197
ITL	089,342
ITT SCHAUBLorenZ	089,102,120,191,197,213
ITT/NOKIA	042,101,103,108,158,181,190,191,192,193,194,196,197,199,205,226,239,246,253,258,296,342,474
JANEIL	009
JC PENNY	003,011,016,021,051,057,060,073,080,329,338,340,343,349,357,359,374,375,394,432,448
JEAN	452
JENSEN	073,374,378
JET POINT	046,342
JINLIPIU	089
JOHNSON	143
JVC	003,016,017,042,046,050,093,125,145,163,165,242,303,353,381,383,385,420,429,430,577,578
KAISER	342
KAISUI	089,143,158,181,189,296,315,342,474
KAMAR	149
KAMBROOK	342,143,164,076,184
KAMOSONIC	143
KANGYI	456
KAPSCH	103,108,191,253
KARCHER	089,102,121,142,143,186,192,193,342,474
KARDON	253,254,294
KAWASHO	073,362,374
KAYPANI	025
KEC	342
KELVINATOR	180
KENDO	089,104,136,143,176,179,183,191,197,206,253,254,294,342
KENNEDY	104,136,167,176,191,197,206,253,254,294
KENNEX	042,246,342
KENWOOD	073,362,374,426
KERION	342
KIC	143
KIOTA	164
KITT	143,164
KIYOGIN	342
KLARMAX	141,142,143,161,159,192,197
KLOSS NOVABEAM	009,065
KMC	382
KNEISSEL	042,105,143,206,315,342
KOBIC	089
KOENIG	191,198
KOERTING	102,122,129,197,198,342
KOLIN	411
KOLSTER	136,138,142,143,179,183,197,342
KONKA	029,033,048,056,070,278,285,342,423,434,460,470,474,475,480,494,495,496,497,511,514,523,530,539,549,550,552
KONTAKT	240
KOTRON	164
KRONNE	143,197
KTV	000,037,058,094,310,328,342,382,391
KUBA ELETRONIC	313
KYOTO	141,143,197,276,279
LAVIS	141
LEADER	089,309
LEGEND	089,143,164,188,342
LENCO	042,151,179,183,197,246,342
LENOIR	089,143,151,197,342,474

LEYCO	164,185,255,342,354
LG	317
LIESENKOTTER	153,342
LIFE	089
LIFETEC	042
LLOYD'S	089,119,143,164,191
LODGENET	327,359
LOEWE	197,339
LOEWE OPTA	101,108,122,124,125,141,143,342
LOGIK	135,144,163,327,601
LUMA	156,197,253,042
LUMATRON	042,342
LUXMAN	073,374,426
LUXOR	115,138,143,180,191,192,193,196,197,199,235,296
LXI	057,073,080,087,329,338,359
M. ELECTRONIC	042,089,101,106,108,115,117,120,121,122,136,138,141,151,156,176,179,181,183,191,196,197,258,300,313,342
MAAZ	159,161
MACTH-ITALIA	342
MAGNADYNE	089,106,122,136,141,179,181,183,191,197,342
MAGNAFON	113,117,141,143,179,183,191,342
MAGNASONIC	342,
MAGNAVOX	005,018,042,060,065,073,362,374,375,432,436
MAGNEX	342
MAJESTIC	359,435
MANESTH	192,194,197,198,208,243
MANHATTAN	246,263
MARANTZ	073,342,374,375
MARECH	198
MARK	217
MASCOT	136
MATCH ITALIA	089,342
MATSUI	089,122,143,144,164,191,192,193,197,208,229,240,250,342,354
MATSUKA	143,164,229
MAXAM	089,143,164
MAXELL	089
MAXWELL	141,159,161,179,183,342
MCE	089
MEDION	321
MEGA	342
MEGATRON	073
MEI	000
MEMOREX	023,032,073,087,331,359
MEMPHIS	188
MERCURY	089,143,164,212
METZ	042,106,107,110,111,125,127,128,246,249,318
MGA	011,032,073,101,151,158,164,325,340,362
MICRON	143
MIDLAND	003,016,057,335,338,349,435
MINERVA	106,107,119,156,240
MINISAT 1	251
MITRONIC	147
mitsubishi	011,032,042,073,101,106,122,125,144,145,089,151,170,325,340,347,362,374,375,382,426,575,576
MIVAR	105,112,114,115,137,141,143,216
MONTGOMERY WARD	359
MOTOROLA	352
MTC	000,011,021,073,080,102,197,374,375,426
MULTITECH	089,101,102,138,141,143,144,145,158,164,179,183,197,342,474
MULTIVISION	006

MURPHY	113,143,191,192,195,197
NAD	026,073,080
NAGEL	130
NAGOTA	192
NAKASHI	342
NAMSONIC	089
NAMSUNC	089
NARITA	151
NATIONAL>PANASONIC	003,016,094,337
NEC	011,019,020,073,088,089,142,144,145,151,189,219,352,374,375,416,426,454,584
NECKERMANN	042,069,102,106,107,125,143,153,155,176,192,193,197,198,255,342
NEI	188,192,197,342
NETA	289
NEWMAR	143,192,197
NEWTECH	143,342
NEXT	267,266
NIKEI	342
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