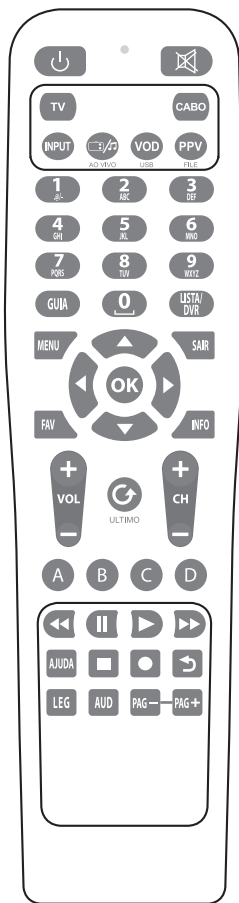


UNIVERSAL REMOTE CONTROL USER MANUAL

BRASIL T2

READ BEFORE USE



Universal Remote Control

Brand - Brasil T2
Model - SMK-SAM PRO14

Feed: 3Vcc
Requires 2 batteries 1.5 Vcc type "AA"

AA x 2

MADE IN MEXICO

TBD_RevA

1- INTRODUCTION:

This remote control is designed to control enclosures paid TV converters and televisions of various brands. Keep this manual for remote control programming.

2- BATTERY INSTALLATION:

- 1.Remove battery cover located on the back of your remote control.
- 2.Place 2 new "AA" batteries of 1.5V, matching the polarity of the batteries with the marks (+) and (-), which are printed inside compartment.
- 2.3.Replace the battery cover.

3- PROGRAMMING MODE:

This is the key sequence to perform this function:

- 3.1.Press and hold the key of the device to be programmed (TV/ or CABLE) for 3 seconds. The indicator light will be on and after 3 seconds it will turn off.
- 3.2.After releasing key the indicator light will remain ON indicating that remote control is now in programming mode.
- 3.3.When a valid key is pressed during programming mode, indicator light turns off. When key is released, indicator light turns on again. Indicator light will remain ON until next valid key pressed or until programming wait time is over.
- 3.4.When an invalid key is pressed and released during programming mode, indicator light will blink several times indicating an ERROR and exit of the programming mode.
- 3.5.After last valid key is pressed, indicator light will turn ON for a long period of time, indicating a successful programming mode.
- 3.6.During programming, if following key is not pressed within 30 seconds, the indicator light will blink several times, indicating an ERROR and exit from the programming mode.

4- MANUAL PROGRAMMING:

In this mode, user can program the codes directly. If programmed code is not valid then previously programmed valid code remains. This is the key sequence to perform this function:

- 4.1.Enter into programming mode. Press and hold (TV or CABLE) key for 3 seconds.
- 4.2.Find in attached table a 4 digit code with your TV brand or converter box. Press the 4 numbers on the remote control.
- 4.3.If the code is valid, the indicator light of the remote will remain ON for a few seconds indicating a successful programming.
- 4.4.If the code is invalid, the indicator light will blink indicating an ERROR and exit from the programming mode.
The programming of the TV and CABLE key has 4 digits. The first digit indicates the device type:
(TV or Converter Box)
0 xxx - TV
5 xxx - STB (Converter Box-CABLE)

5- AUTOMATIC CODE SEARCH:

This is the key sequence to perform this function:

- 5.1.Enter into programming mode. Press and hold (TV or CABLE) for 3 seconds.
- 5.2.Press and release the ON/OFF key to enter the automatic code search, starting from code set ID 0000. The remote will send one code for each code set of the selected device.
- 5.3.Press and release key CH+ to increase the device code (0000,0001...) or key CH- to clear the device code (0004,0003...) and send the IR signal for that code.
- 5.4.Press and hold key CH+ or CH- for 5 seconds to start automatic code search with timer without need of further key press. The remote control sends a new IR signal to turn on device and send next code set for next model every half second. Timer can be canceled by pressing any key on the remote control.
- 5.5.Press and release the OK key for confirmation and to accept the current configured code. The indicator light stay ON for a few seconds, indicating that programming was successful.
- 5.6.Press and release the EXIT (X) key to get out of the code search mode without changing the code set in the process of auto search, the indicator light will blink several times indicating an ERROR.
- 5.7.If user presses any key other than CH+, CH-, EXIT(X), or device (TV or CABLE), the code is not detected and indicator light will blink several times indicating an ERROR.

6- DEVICE ADJUSTMENT FOR AUDIO KEYS (VOLUME & MUTE):

In audio key configuration mode, user has the option to program which device will transmit the volume and mute key signals.

The following combinations are compatible:

TV - Program TV, CABLE: [TV]>TV, TV>CABLE]
STB- Program TV, CABLE: [STB]>TV, STB>CABLE]

This is the key sequence to perform this function:

- 6.1.Enter into programming mode. Press and hold (TV or CABLE) key for 3 seconds.
- 6.2.Press and release VOL+ key.
- 6.3.Press and release source device key.
- 6.4.Press and release target device key.
- 6.5.For a valid device definition, indicator light stays ON for a few seconds. For an invalid device setting, indicator light blinks several times.
- 6.6.When remote control is operated on the programmed device, press VOL+/VOL-MUTE will transmit from source device.
To clear the selected source device this is the key sequence to perform this function:
1.Enter into programming mode. Keep and hold STB/TV key.
2.Press and release the VOL- key.
3.The source device key gets cleared and indicator light blinks several times to indicate a successful programming.

7- REMOTE CONTROL CARE INSTRUCTIONS:

- 7.1.Handle remote control carefully, avoiding falls.
- 7.2.Do not spill liquids on the surface of the remote control.
- 7.3.Do not use any solvents or chemicals for cleaning. Dust or dirt on the remote control surfaces. It's recommended to use a slightly damp flannel to clean remote.

8- KEY DESCRIPTION:

ON/OFF:

Turn on and off TV/Converter Box.

MUTE:

Allows to activate and deactivate sound.

TV:

Allow to control the TV programmed in the control.

CABLE:

Allows to control the programmed converter box in the remote control.

INPUT:

In TV or CABLE mode, allows to select the audio and video inputs available.

TV/RADIO LIVE:

Allows access to TV and Audio channels for the converter boxes with this function. Allows access to live programming converter boxes with recording function.

VOD/USB:

Allows access to demand video programming for converter boxes with this function. Lets you access to USB device content connected to the converter boxes with this function available.

PPV,FILE:

Allows access to Pay per View content for converter boxes with this function. Allows access to recorded files.

NUMBERS (0-9):

Allows direct tuning to channels.

GUIDE:

Allows direct access to the program guide.

LIST/DVR:

Allows access to the menu and recorded content.

MENU:

Allows direct access to the main menu.

EXIT:

Allows to exit screens and menus.

FAV:

Allows you to explore and set new favorite channels.

INFO:

Shows a description of the program.

NAVIGATOR:

Browser allows the selection of different options available in the box interface converter or TV. Use the OK key to confirm.

VOL-,VOL+/CH-,CH+:

Increase and decrease volume and channel respectively at level or number above or bottom.

LAST:

Returns to the previous page.

VOD/DVR NAVIGATION:

Use these keys to play live or recorded videos.

HELP:

Allows access to help section.

BACK:

Allows to return to the previous channel or screen.

LEG:

Allows to select the subtitle.

AUD:

Allows to select the audio.

PAG-/PAG+:

Lets you swap between previous and next pages of the converter box interface.

9- PROGRAMMING CODES

— Digital box —

Sagemcom 1	5001
Homecast Nhc2500co	5002
Network Broadcast 1	5003
Echostar	5004
Network Broadcast 2	5005
Sand Martin	5006
Konka 1 -KSDCS20 / KDHC862	5007
Konka 2	5008
Echostar DSB46BR, Newland	5009
Konka 3-HD	5010
Coship 1	5011
Coship 2	5012
MC-5500R HD	5013
Cisco IDTA153	5014
Arion 1-ARC-1010HR	5015
Cisco 4313DVB	5016
Arion 2-AC-2410P	5017
Arion 3-1012YR	5018
Handan TG-5000C	5019
Gosnell	5021
N205HD	5023
CM1502HD	5024
DRC-1000	5025
Intelcast	5026
9600, Katherin	5027
Topfield 1	5028
Chromecast	5029
Intek 1	5030
Motorola 1, Arris, Zatech	5032
Intek 2	5037
Arion 4	5038
Amino	5039
Opentel	5040
Kaon 1- K-ES22700C0	5041
Arion 5-1012YR	5053
Kaon 2- C03700	5054
GI Tocom5508	5055
HCR1-CX40	5056
Sand Martin 2	5057
Sagemcom 2	5058
Motorola 2	5059
Mediaroom	5060
Motorola 3, Pace, Arris	5063
Unionman Selene 3601	5064
Kaon 3-Max-DVR	5065
Handan 2- 8100	5066
Coship 3- ZTV	5067
Unionman	5068
Flow	5069
Kaon 4	5070
Topfield 2	5071
Sagemcom 3	5072
ZTE	5073
Konka 4- HD	5074
Safeview	5075
Huawei	5076
TDE	5077



— Digital box —	
Handan 3-6000	5078
Entone	5079
Xavi	5080
Amino/WNC	5081
EKT	5082
ALBIS ELCON	5083
Justek HDBT330 5084	5084
Coretrust	5085
Opentel	5086

— Television —	
Admiral	0072,0118
Advent	0041
Adventura	0077
Aiko	0109
Aiwa	0059
Akai	0044,0073
Akiba	0063
Akura	0063,0082
Aaron	0079,0084,0087
A-Mark	0074
America Action	0045,0085
Amtron	0046
Anam	0045,0085
Anam National	0046
Anitech	0063
AOC	0042,0043,0044,0047,0074,0076,0086,0170
Apex	0013,0125,0147,0152,0177
Apex digital	0039,0111
Archer	0074
Asuka	0063
Atvio	0153
Audinac	0085
Audiovox	0045,0046,0074,0085,0088,0114
Axion	0060
Basic Line	0063
Baysonic	0085
Belcor	0042,0076
Bell & Howell	0072,0123
BenQ	0061
Blackway	0063
BlueSky	0063
BPL	0063,0087
Bradford	0045,0046,0085
Brockwood	0042,0076
Broksonic	0045,0074
Bush	0063
Candle	0042,0043,0044,0077,0081
Carnivale	0044
CCE	0078,0079
Celebrity	0007,0028,0073
Celera	0039
Centurion	0042
Challenger	0001,0030,0037,0045,0046,0049,0080,0085,0101,0102,0103,0148,0149,0150,0151,0153,0171
Changhong	0039
Cineral	0088
Citizen	0040,0042,0043,0044,0046,0048,0077,0080,0081,0109
Clairtone	0086
Clarion	0045,0085
Coby	0062,0157,0158
Colorfyme	0042,0043
Concerto	0042,0043,0081
Contec	0045,0085,0086
Contec/Cony	0046,0050
Craig	0045,0046,0085
Crosley	0049,0071
Crown	0045,0046,0080,0085
Curtis Mathes	0001,0042,0043,0044,0048,0049,0071,0080,0081,0088,0114,0118,0123
CXC	0045,0046,0085
Cytron	0092
Daewoo	0015,0040,0042,0043,0047,0048,0076,0080,0088,0108,0114
Daytron	0042,0043,0048,0076
De Graaf	0087
Dimensia	0001
Dumont	0042,0076
Durabrand	0036,0038,0042,0045,0074,0085
Dwin	0118
Dynex	0041
Electroband	0000,0028,0073,0086
Electrohome	0042,0043,0073
Elektra	0063
Emerson	0015,0018,0029,0040,0042,0043,0045,0046,0048,0050,0076,0079,0080,0084,0085,0086,0123,0128,0129,0130,0148,0179
Emperor	0063
Envision	0042,0043,0044
Finlandia	0087
Fisher	0087,0123

— Television —	
Frontech	0082
Fujitsu	0084
Funai	0018,0045,0046,0084,0085
Futurtec	0045,0046,0082,0085
Gateway	0031
GE	0001,0012,0042,0043,0063,0088,0114
Goldstar	0042,0043,0044,0047,0048,0050,0076
Gradiente	0081,0093
Granada	0087
Great Wall	0029,0124
Grundig	0078
Grundy	0045,0046,0084,0085
Haier	0038
Hallmark	0042,0043
Hannspree	0089,0108
Harley Davison	0084
Harman/Kardon	0049
Harvard	0045,0046,0085
Havermey	0118
Hello Kitty	0088,0114
Himitsu	0085
Hisense	0090,0110,0168
Hitachi	0014,0042,0043,0050,0055,0081,0115
Hypson	0082
Hyundai	0064,0144,0169
ICE	0082
ICEAC	0034,0125
iLAB	0127
iLO	0021,0033
IMA	0046
Infinity	0049,0071
Initial	0021
Insignia	0035,0036,0041,0067,0068,0069,0124
Intervision	0082
iTengsun	0126
JBL	0049,0071
JC Penney	0001,0042,0043,0047,0048
JCB	0007,0028,0073
Jensen	0042,0043,0092
JVC	0009,0050,0054,0100,0117,0119
Kalley	0147,0149,0152,0154,0155,0167
Kawasho	0042,0043,0073
KEC	0045,0085
Kenwood	0042,0043,0044,0076
KLH	0039
Kloss	0077
Kloss Novabeam	0046
Konka	0065,0138,0155
KTV	0044,0045,0046,0048,0079,0080,0085,0086
Lexus	0130,0131
Leyco	0082
LG	0010,0025,0037,0042,0047,0081
Logik	0072
Luxman	0042,0043,0081
LXI	0001,0042,0043,0049,0071,0083,0111,0123
Magnasonic	0040
Magnavox	0021,0042,0043,0044,0049,0071,0084,0101
Majestic	0072
Manesth	0082
Marantz	0042,0043,0044,0049,0071,0078
Matsui	0087
Matsushita	0113
Megatron	0042,0043,0074
MEI	0086
Memorex	0018,0042,0043,0047,0072,0084,0123
MGA	0042,0043,0044,0047,0076
Midland	0048,0080
Minitek	0021
Mitsubishi	0017,0042,0043,0047,0076,0118
Mitsui	0128,0130,0131
Montgomery Ward	0072
Motorola	0118
MTI	0042,0043,0044,0047,0076,0081,0086
Multitech	0045,0046,0079,0085
NAD	0042,0043,0078,0081,0083,0111
Naoki	0128,0129,0130,0131
NEC	0042,0043,0044,0047,0076,0081,
Netsat	0078
Nikkai	0082
Nikko	0042,0043,0044,0109
Norcent	0110
NTC	0109
Oleiva	0030,0159,0160,0161,0162,0163,0164,0165,0166
Onwa	0045,0046,0085
Optimus	0113,0123
Optonica	0118
Orion	0036,0070,0084
Osaki	0082
Panama	0082,0172,0173,0174,0175,0176,0177,0178,0179,0180,0181
Panasonic	0004,0023,0051,0052,0056,0057,0094,0095,0113,0120,0121,0122,0127

— Television —	
Penney	0042,0044,0074,0076,0080,0083,0111
Philco	0042,0043,0044,0047,0049,0050,0071,0076,0126,0129,0130,0131
Philips	0002,0021,0022,0042,0049,0050,0071,0075,0078,0096,0097,0102,0154,0156
Philips Magnavox	0002,0049,0101
Pilot	0042,0044,0048,0076,0080
Pioneer	0019,0042,0043,0112
Polaroid	0039
Polytron	0063
Portland	0042,0043,0047,0048,0076,0080,0109
Premier	0172,0173,0174
Prima	0132,0133,0134,0135,0136,0137,0138,0139,0140,0141, 0183
Proscan	0001
Protech	0063,0082
Proton	0042,0043,0050,0074
Proview	0034
Pulsar	0042,0076
Pye	0075
Quasar	0113
Radioshack Realistic	0001,0042,0043,0046,0048,0050
RadioShack	0001,0042,0044,0045,0076,0080,0081,0085,0123
RCA	0001,0003,0042,0043,0047,0060,0076,0103,0112,0149,0176
Realistic	0001,0042,0044,0045,0076,0080,0081,0085,0123,
Rex	0082
Rhapsody	0079,0086
Riviera	0132,0133,0137,0142,0182
Roadstar	0063,0082
Runco	0044
Sagem	0063
Saisho	0082
Sampo	0042,0043,0044,0048,0080
Samsung	0007,0027,0042,0043,0044,0047,0048,0050,0076,0078,0081,0082,0104,0105,0150
Samsux	0080
Sankey	0173,0175,0176,0177,0178,0179
Sansui	0036,0070,0088,0128
Sanyo	0026,0042,0087,0123
Scimitsu	0076
Scotch	0042,0043
Scott	0042,0043,0045,0046,0050,0076,0084,0085
Sears	0001,0042,0043,0049,0071,0081,0083,0084,0111,0116,0123
SEG	0082
Selectron	0180,0181
Semivox	0085
Semp	0083
Sharp	0008,0042,0043,0048,0050,0080,0118
Sheng Chia	0118
Shogun	0042,0076
Signature	0072
Simply	0153,0154,0156,0169
Sky	0063,0078
Sonitron	0087
Sonorol	0087
Sony	0000,0005,0024,0028,0073
Soundesign	0042,0043,0045,0046,0084,0085
Spectricon	0074
Squareview	0116
SSS	0042,0045,0046,0076,0085
Starlite	0045,0046,0085
Superscan	0118
Supre-Macy	0077
Supreme	0000,0028,0073
Sylvania	0018,0042,0043,0044,0049,0071
Symphonic	0016,0045,0046,0085,0116
Syntax	0030
Tandy	0118
Tatung	0031,0074
TCM	0063
Teac	0082
Technics	0113
Technol Ace	0084
Techwood	0042,0043,0074,0081
Teknika	0042,0043,0045,0046,0047,0048,0049,0050,0071,0072,0076,0080,0081,0084,0085,0109
Tekno	0143,0144,0145,0146
Telefunken	0081
Thomson	0001
TMK	0042,0043,0081
Tophouse	0085
Toshiba	0011,0083,0099,0106,0111,0123,0151
Tosonic	0086
Totevision	0048,0080
Universum	0082
Vector Research	0044
Venturer	0107
Vidikron	0049,0071
Vidtech	0042,0043,0047,0076
Viewsonic	0020,0066,0098

— Television —	
Viking	0077
Viore	0032,0033
Vizio	0010,0031
Wards	0001,0042,0043,0044,0047,0049,0071,0072,0076,0081,0084
Waycon	0083,0111
Westinghouse	0020,0028,0091,0114
White Westinghouse	0015
Windstar	0063
Yamaha	0042,0043,0044,0047,0076
Yoko	0082
Zenith	0006,0042,0053,0055,0058,0072
Zonda	0074