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8. Remote IR/RF mode Selection

This remote control is designed to select 3 transmitting ways (RF or IR or IR/RF both). Default mode is to transmit in RF mode. We do not recommend IR/RF mode use because battery consumption is some high. Best power consumption is RF mode lowest, next IR mode, Also, RF extender is used together with this remote RF mode only is the best way

8-1. RF only Mode selection

- 1) Press [STB] + [OK/SEL] until STB
- 2) Press [Ch+]
- 3) Press [1]. Then, STB LED will blink 3

8-2. IR only Mode

- 1) Press [STB] + [OK/SEL] until STB LED on.
- 2) Press [Ch+]
- 3) Press [0]. Then STB LED will blink 3

8-3, IR/RF Mode

- 1) Press [STB]+[OK/SEL] until STB LED
- 2) Press [Ch+]
- 3) Press [2]. Then, STB LED will blink 3 times.

9. FAV MODE (ENTER Key)

FAV mode is special function for favorite channel controls in STB device. Max 10 channels can be stored in each category (News, Sports, Movies etc on digits #).

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General Introduction This remote is designed to operate Set Top box (Cable & Satellite), TV, DVD and Audio in RF, IR and IR/RF transmitting.

Before you can use this remote control, it must be programmed (set-up) to operate above devices. Please follow programming instruction

After remote programming, It should be matched with RF Extender (IR Blaster). The components of RF extender are power adaptor and 1 infrared eve emitter.



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When user wants to store "123", "124",

"138" to Sports (category digit 3)

channel. Like this Sport channel

programming, user can program

1) Press [ENTER] and [3] until ENTER

2) Press [1],[2],[3], then [Ch+] key.

3) Press [1],[2],[4], then [Ch+] key.

4) Press [1],[3],[8], and [ENTER]

Remark: Max 5 digits channel # can be

1) Press [ENTER], then ENTER LED will

3) Press [Ch+] or [Ch-] to control

4) When user wants to change category

to Movie, press [4] key and press

1) To escape from FAV mode, press

2) FAV mode will last 30 seconds

[ENTER] or other keys (not digits)

Then, ENTER LED will blink 1 time

Then, ENTER LED will blink 1 time

Then, ENTER LED will blink 3

favorite channels for each categories.

9-1. Programming FAV Mode

LED on

and stay on.

9-2. How FAV Mode work

favorite channels

(Ch+l or (Ch-l.

(ENTER LED on).

9-3. Favorite Channels Deletion

Remarks :

2) Press [category digit #] key.

times.

be stay on.

stored.

When eye emitter is plugged, infrared signal will be transmitted only through emitter, not from receiver. The emitter has adhesive tape under the bulb. Locate the emitter to the close position of IR signal receiving area of the device (TV etc). Battery Installation

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Install two (2) new AAA alkaline batteries Properly match the polarity (+ / -) with the diagram in the battery compartment, taking care to install the plus (+) and minus (-). When the LED indicating light becomes dim or no longer illuminate during use, install new AAA alkaline hatteries

Programming Guideline

1. Manual programming

Before entering code programming, find your brands and 3 digits code number first in the manual. Firstly, turn on the Device (STB, TV, DVD, ADIO) that you want to program.

- 1) Press [DEVICE] + [MUTE] for 3 seconds until the device LED lights on.
- 2) Press 3 digits code number.
- a. If the device turns off, press [OK/SEL] to lock in the code. Then, device button will blink 3 times and go out.
- b. If the device does not turn off, enter next 3 digits code number until your TV turns off. If turns off, press [OK/SEL] to lock in the code.

1) DEVICE means TV, STB, DVD, Audio

Smart RF Remote Control Smart RF Remote Control & IR Extender Kit & IR Extender Kit

1) Press [ENTER] and [Category digit #] until ENTER LED on.

2) Press [VOL+]. Then, ENTER LED will blink 3 times.

For example, when user wants to delete News channels programming,

- 1) Press [ENTER] and [2] until ENTER LED on.
- 2) Press [VOL+]. Then, ENTER LED will blink 3 times.

The FAV Mode [category] is as below

(see remote digits)	
1 FAV	2 NEWS
SPORTS	MOVIE
MUSICS	6 KIDS
DOCU	EDUCA
SHOPPING	0 ETC

10. Total Reset

To reset your remote programming to default settings (factory setting)

- 1) Press [STB] and [OK] until STB LED
- 2) Press [STOP]. Then, STB LED blinks

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2) If your Device does not respond, try all the codes for your brand lists.

- 3) Combo (TV/DVD/ Audio codes) has 800 codes # that can program 3 devices at
- 4) STB has 2 categories. Cable codes start from 000 to 499 and Satellite start from 500 to 999

2. Auto-scan programming

If you could not find correct code # in the brand lists or the program code does not work correctly, you can search using autoscan programming (not using 3 digits code number). Firstly, turn on your device that you want to program.

- 1) Press [DEVICE] + [MUTE] for 3 seconds. Then, the device LFD lights on
- 2) Press [CH+] at a time until the device
- 3) If the device turns off, press [Mute], and check the Device turns back on.
- a. If the device turns back on, press [OK/SEL] to lock in the code.
- h If the device does not turn back on press [Ch-] one step at a time until device turns back on. If the [Device] turns back on, press [OK/SEL] to lock in the code.

- 1) During the manual code and auto-scan programming, the RF mode will turn off forcibly. Upon program finishing, Remote will be returned to RF mode.
- 2) During the Auto-scan programming, [CH+] works forward device POWER

Smart RF Remote Control & IR Extender Kit

scanning and [CH-] works reverse device POWER scanning.

3. Volume / Mute Control

This remote can select the control mode of volume function. Volume control can be selected which devices operate the function (STB, TV or Audio) In STR mode

- 1) Press [STB] + [OK/SEL] until STB LED
- 2) Press [VOL+].
- 3) Press [STB] or [TV] or [AUDIO] which you want to use for volume control
- In DVD Mode
- 1) Press [DVD] + [OK/SEL] until STB LED on
- 2) Press [VOL+].
- 3) Press [STB] or [TV] or [AUDIO] which you want to use for volume control

4. Code Read-back

When user wants to check what code was programmed for the device, below steps will show programmed code # in that device.

- 1) Press [Device]+[OK/SEL] until the device LED on.
- 2) Press [INFO]. Then, LED will blink the #. Please count blinking time.

Candle

Daytek Daytron

Dimensia

Dell

- 1) Digit 0; flash 3 times fast
- 2) Other digit (1-9) blinks as the number (for example, digit 4 blink 4 times).
- 3) In case of STB code 402 programmed...

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Smart RF Remote Control & IR Extender Kit a. 4: blink 4 times slowly

- b. 0 : flash 3 times fast
- c. 2 : blink 2 times slowly

5. Remote Learning

Learning function is to copy button data of original remote to this remote when embeded codes of this remote could not match (not included). Locate heads of two remotes closer (1-2 cm) and follow below stens



5-1: Learning steps

- 1) Press [DEVICE] + [REC] until the device LED on.
- 2) Press A button of this remote.
- 3) Press the button of original remote. Then, LED will blink one time slowly and stay on.
- 4) To continue learning to other buttons, repeat step 2) and 3)
- 5) To finish learning, keep on pressing [OK/SEL] for 3 seconds. Then, LED blinks 3 times.

UB3

5-2 Delete learned data partially

1) Press [DEVICE] + [EXIT] until the device LED on.

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- 2) Press the button (or buttons) that
- user wants to delete. 3) To finish learning deletion, keep on pressing [OK/SEL] for 3 seconds.

Then, LED blinks 3 times. 5-3 Delete learned data totally (device)

1) Press [DEVICE] + [STOP] until LED

5-4 Adjustment of transmitting interval (speed) for learned volume and Channel data.

When user feels slow / fast transmitting speed of learned volume and channel buttons, it can adjust the signal transmitting intervals. The speed range is Digit 1~9 (default repeating interval is digit 1) as the speed steps.

- 1) Press [DEVICE] + [PLAY] until LED
- 2) Press [DIGIT #]. Then, LED blinks 3

5-5 Available Learning keys per devices.

Below keys are allocated button for learning capability as per devices.

1) STB: ALL keys

Go Video

GPX

Gradiente

Hall Mark

Hannspree

Harvard

Hi-Sense

Hiteker

Honeywell

Hyundai

Infinity

Harley Davidson

Harman/Kardon

Grundia

Goldstar (LG)

- 2) TV: POWER, INPUT, CH+, CH-, VOL+, VOL-, MUTE, DIGITS, LAST, ENTER
- 3) DVD: ALL Keys except for VOL+, VOL-, MUTE, DAY-, DAY+, LIVE,

4) AUDIO: MUTE, CH+, CH-, VOL+, VOL-, REC. PAUSE, REW. PLAY. STOP, FF, INPUT

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6. RF ID programming of RF remote

This RF Remote can be programmed to select each ID to avoid any conflicts with neighboring house. Available ID range is from 0 to 7. For example, when user wants to select "7" for own RF ID.

- 1) Press [STB] + [OK/SEL] until STB
- 2) Press [Ch-].
- 3) Press [7]. Then, STB LED will blink 3 times.

After RF ID programming of this remote, this ID should be paired with Genius receiver by following pairing steps of

7. RF ID pairing between RF remote and extender receiver (Genius) Before entering this programming, press

the head of receiver for 3 seconds until blue LED on. After that, follow below steps in remote side.

- 1) Press head of receiver until LED on.
- 2) Press any button of RF remote. Then, receiver LED will blink 3 times

When you want to change RF ID...

Smart RF Remote Control

- 1) Proceed section 6 with new ID.
- 2) Proceed section 7 again

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Denon	083					
Diamond Vision	243					
Digital Lifestyles	147					
Digital Research	403	405	409			
Disney	248					
Dumont	015	041	044	247	253	
Durabrand	006	175	248	384		
Dynex	054	169	175	244	248	
,	384					
Dwin	096					
Electro Home	019	041	044	051	066	
	161	247	253	282		
Electroband	066					
Elektra	002					
Element	041	195				
Emerson	004			010	011	
	012	016	017	038	039	
	040	041	044	049	050	
	054	058	059	065	079	
	097	108	110	131	139	
	141	144	145	146	149	
		160		169	175	
	192	211	244	247	248	
	253	256	259	274	277	
	279	284				
	289				297	
	300	303	304	307		
Emprex	403					
Envision	041			247	253	
ESA		192				
Fisher	010				279	
Fujitsu	058		196	205	240	
	319					
Funai	004		006	079	058	
	141	144				
Favi		413	422			
Futuretech	079	144				
Gateway	177	237				
GE	005	015	019	022	027	
	029	031	032	037	041	

Smart RF Remote Control & IR Extender Kit

& IR Extender Kit 151 161 164 165 247 054 110 169 175 188 253 282 285 298 302 Insignia 003 007 015 025 02 031 041 044 051 08 060 065 124 247 25 182 242 264

349						192	197	198	21/	218
003	007	015	025	027		244	248	252		
031	041	044	051	059	Janeil	071				
060	065	124	247	253	JBL	001	163	272		
182	242	264			JCB	066				
003	007	027	031	041	JC Penney	005	007	010	027	041
044	059	060	065	124	,	043	044	051	052	063
175	244	248	253	366		065	069	070	073	124
368						136	137	156	247	253
058	256	405	430	431		282	284	285	298	302
048						310	338			
059					JCH	066				
004	007	041	044	051	Jensen	041	044	087	197	247
059	060	124	156	247		253				
253					JVC	069	063	048	077	132
016	041	044	051	065		059	142	143	147	210
066	178	215	247	253		254	271	275	285	296
260						306	309	388	441	
041	044	051	247	253	Kawasho	041	044	051	066	247
383	389					253				
058					Kenwood	041	044	051	065	247
272						253				
079	144				Kloss Novabeam	081	079	144	162	
379	384				KMC	007				
001	018	386	417	432	Konka	168	183	254		
007	027	041	044	049	Kosch	198				
051	059	069	083	085	KTV	007	065	149	079	059
098	100	140	247	253		030	144	284	313	
275	293	296	299	330	Kurazai	058	062			
339	344	346	351	357	Legend	110				
358	360	362	364	433	LG (Goldstar)	003	007	027	031	041
400						044	051	059	060	065
402						124	156	175	244	248
001						253	391	392		
189					Lodgenet	058	062			
192	206	218	248	252	Logik	058	062			
265	412	422			Luxman	027	041	051	044	247
016	343					253				
079	144				LXI	001	006	009	010	022
001	163	272				023	035	043	055	067

TV Setup Codes

BRAND		COL	DE(S)		
Abex	152				
Acer	190	325			
Admiral	009	023	058	061	062
	067	096	146		
Advent	001	004	014	176	186
	199	197	425		
Adventura	004				
Affinity	263				
Aiko	042	138	151		
Aiwa	135	207			
Akai	066	016	065	198	209
	216	218	232	246	252
	305	414	428	437	439
Alleron	058	141			
Amark	007	086			
Ambassador	017				
America Action	079				
Amstrad	006				
Amtron	079	144			
Anam	019	079	088	089	093
	111	120	125	134	144
	161				
Anam International	161				
AOC	065	041	044	156	191
	247			421	
Apex	029		060	178	198
	263	429			
Apex Digital	382				
Astar	198				
Audiovox	040	079	111	144	201
Auria	001				
Baysonic	079				
Belcor	041				
Bell & Howell	010	058	062	112	279
Ben Q	190	363			
Bradford	079	144			
Brillian	335				
Broksonic	011	054	110	174	181

027 041 044 052 073 253 001 163 272 Celebrity 066 003 044 051 Centurion 029 Changhong Cineral 138 146 Citizen 010 027 041 042

280 284 336 250 376 377 003 007 041 044 051 247 253 284 302 001 014

044 051 053 055 058

061 062 063 070 082

131 136 137 142 143

15

206 227

082 096 112 163 269

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AG 272 279 298 302 316 195 1	MTC	Pioneer	031 041 044 051 059 080 119 129 148 151 152 153 156 177 212 237 247 248 253 284 310 315 331 337 343 345 397 Sansui 152 Sansui 110 156 139 169 174 175 355 384 407 020 101 028 041 044 048 104 112 133 247 253 278 279 318 398 Scottn 215 Scottn 031 041 044 058 059 079 141 144 241 247 253 258 Sears 001 002 006 007 009 043 048 051 058 069 079 140 240 405 405 Sears 001 002 006 007 009 043 048 051 058 069 079 140 241 247 272 275 279 288 302 363 316 335 Searivox 075 Searivox 07	Squareview O66 SSS O41 044 079 144 247 253 253 253 254 259 253 254 259 255 256 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 266 259 272 259 259 272 259	Venturer	### Setup Codes ### BRAND 2Wire 380/HGV-8 033 2Wire 380/HGV-8 078 Alcoess HD 078 Alcoess HD 078 Aldelphia 002 020 Allienger 163 Allerin 163 Almino 082 Apex Digital 075 Artec 083 Astro 084 Artec 083 Astro 084 Artec 085 Bell 076 Artec 087 Artec 088 Astro 084 Artec 085 Bell 078 Artec 081 Astro 084 Artec 085 Artec 085 Artec 081 Astro 084 Artec 085 O91 Bend MC3, Alpha 006 Bend MC3, Alpha 006 Bend MC3, Alpha 006 Bend MC3, Alpha 006 Bright House 014 Cable One 020 Cable One 020 Cable Valor 020 Cathury 030 Cathury 040 Channel master 020 Claco 020 Color Voice 030 Condot Voice 030 Condot Voice 076 Condot 076 Consoligital 045 Cossigigati 095 Crossdigital 045 D Samart 096 Digital Stream 099	Digiturk 100 101
Smart RF Remote Control	18 ————————————————————————————————————	19 ————————————————————————————————————	20 Smart RF Remote Control	21 Smart RF Remote Control	22 Smart RF Remote Control	23 Smart RF Remote Control	Smart RF Remote Control
& IR Extender Kit	& IR Extender Kit	& IR Extender Kit	& IR Extender Kit	& IR Extender Kit	& IR Extender Kit	& IR Extender Kit	& IR Extender Kit
### 15 129 129 120	Sagem	BRAND CODE(S)	GPX 135 186 194 218 196 194 195	Norcent 089 Onlyo 042 025 165 167 Oppo 187 Orion 187 Panasonic 010 009 023 035 037 043 059 097 105 139 160 162 176 201 Philips [Magnavax] 060 007 046 024 026 071 094 100 111 115 188 120 122 157 161 188 120 122 157 161 198 202 204 210 223 071 071 171 193 197 198 202 204 210 223 Prima 184 Proceed 028 ProScan 054 183 Protron 055 Ovestar 024 111 122 141 RCA 003 049 151 156 171 199 209 212 221 RRAP 142 147 174 199 203 Samsung 011 018 045 053 074 079 087 092 099 108 Scientific-Atlanta 101 106 107 153 154 Sears 016 090 Sharp 016 107 SHERWOOD 235 Sonic Blue 176 Sonry 031 012 021 041 049 061 066 067 071 094 114 118 Symphonic 071 118	Tivo 056 169 171 175 178 170 170 170 170 170 170 170 170 170 170	ILIVE 283	Radio Shack

FCC Statements

Part 15.19 (a)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

Part 15.105 (B)

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Modifications not expressly approved by the manufacturer could void your authority to operate the equipment under FCC rules.