

UDM-RC05 Multi-Format IR Remote Control

Overview

The UDM-RC05 (FG1402-70) is an IR remote control unit designed to communicate with UDM receivers and provide initial set up and configuration of the UDM system. It provides simple and convenient source, channel, and volume control, as well as buttons used with common third-party set top box menu systems.

The UDM-RC05 also provides video compensation controls for the UDM-RX02N receiver, including RGB, sharpness and brightness.

Features

- 43 buttons
- Works with common third-party set top box receivers, including DirecTV and Sky
- Provides initial set up and configuration of UDM system

IR Codes / UDM-RC05 Pushbuttons

FIG. 1 provides the IR Codes associated with each pushbutton on the UDM-RC05.



FIG. 1 UDM-RC05 IR REMOTE CONTROL

The UDM-RC05 has 43 buttons available, all of which can be mapped to the IR codes indicated in the following table:

UDM-RC05 - IR CODES		
IR Code	Function	Description
	Source A	N/A
	Source B	N/A
	Source C	N/A
	Source D	N/A
	Source E	N/A
	Source F	N/A
	Source G	N/A
	Source H	N/A
	Skip back	N/A
	Skip forward	N/A
	TV	N/A
	USER	N/A
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	NetLinx (UDM-0808-SIG/DVX-2100HD)
	0	Endeleo (UDM-0102)
12	Power	Power Off of local display
13	Mute	Mute Sound of local display
14	Vol Up	Volume Up of local display
15	Vol Down	Volume Down of local display
16	Chan Up	Channel Up of Source X
17	Chan Down	Channel Down of Source X
20	Previous	Sky
43	Go Live	Sky
50	Services/Menu	Sky/DirecTV or Endeleo use
51	Select	Sky/DirecTV or Endeleo use
52	Nav Up	Sky or Endeleo use
53	Nav Down	Sky or Endeleo use
54	Nav Left	Sky or Endeleo use
55	Nav Right	Sky or Endeleo use
56	Exit	Sky/DirecTV or Endeleo use
57	I Information/Info	Sky/DirecTV
58	Help	Sky
59	Text	Sky
61	Box Office/List	Sky/DirecTV
63	Guide	Sky/DirecTV
64	Red	
65	Green	
66	Yellow	
67	Enter Passthrough	Endeleo (UDM-0102)
	Blue	NetLinx (UDM-0808/SIG, DVX-2100HD)
68	Backup/Back	Sky/DirecTV
70	Play	Control source device/Sky+/DirecTV
71	Pause	Control source device/Sky+/DirecTV
72	Stop	Control source device/Sky+/DirecTV
73	Record	Control source device/Sky+/DirecTV
74	Fast Forward	Control source device/Sky+/DirecTV
75	Rewind	Control source device/Sky+/DirecTV
79	Interactive/Active	Sky/DirecTV
81	Cancel Passthrough	Endeleo (UDM-0102)
	AMX	NetLinx (UDM-0808/SIG, DVX-2100HD)

Using the UDM-RC05 for Video Compensation

The UDM-RC05 can also be used with UDM-RX02N receivers for video compensation (FIG. 2):

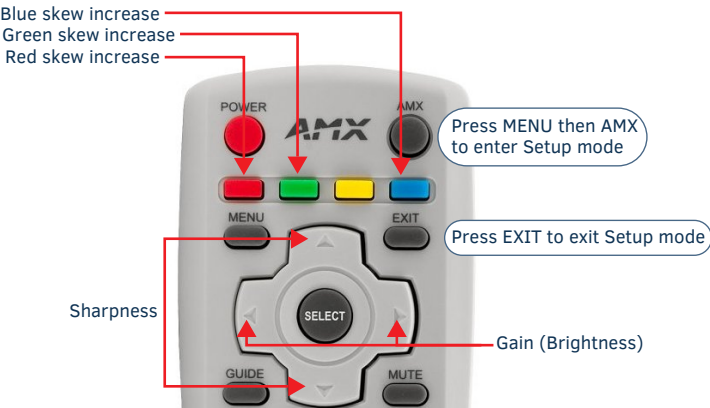


FIG. 2 UDM-RC05 IR REMOTE CONTROL - VIDEO COMPENSATION BUTTONS

Note: In order to use the UDM-RC05 to compensate video on the UDM-RX02N, the RX02N must be set to the AMX remote, via the "RP" command (see below).

- Enter setup mode - press MENU, then AMX
- Exit setup mode - EXIT
- Red skew increase - RED
- Green skew increase - GREEN
- Blue skew increase - BLUE
- Gain (brightness) - LEFT and RIGHT
- Sharpness - UP and DOWN

"RP" SEND_COMMAND

- Device SEND_COMMANDS are sent to **Port 1** on the UDM-RX02N.
- All text is based on a Unicode index.

"RP" SEND COMMANDS (UDM-RX02N)	
""RP<P#>"" Sets the protocol used by the IR remote.	The Rx can support a number of different remotes which are mapped through to button pushes Syntax: <pre>SEND_COMMAND <DEV>, " 'RP<P#>' "</pre> Variables: • P#: "ENDELEO", "AMX", "SKY", "TIVO", "DIRECTV", "MIOR1", "MIO", "RC02", "RC05" Example: <pre>SEND_COMMAND dvRX, " 'RPRC05' "</pre> Configures the Rx to use an AMX remote. The available remotes are: • ENDELEO, RC02 - grey 33 button or 13 button remotes • AMX, RC05 - beige 43 button • SKY - Sky satellite remote • TIVO - standard Tivo remote • DIRECTV - standard DirecTV remote • MIOR1 - AMX R1 remote In all the above cases, the push and release codes are endeleo codes. MIO - AMX R1 remote - this setting uses all 255 push/release codes.
""?RP"" Returns the protocol used by the IR remote.	The Rx can support a number of different remotes which are mapped through to button pushes. Syntax: <pre>SEND_COMMAND <DEV>, " '?RP' "</pre> Example: <pre>SEND_COMMAND dvRX, " '?RP' "</pre> The port would respond with RP-ENDELEO.

Additional Documentation

For detailed programming information as well as installation and configuration instructions for the UDM-0808-SIG and UDM-RX02N, refer to the UDM-0808-SIG, UDM-RX02N & UDM-ABB-8-SIG Operation/Reference Guide (available at www.amx.com).

