

Supplementary Information

DRR-103

IR Control Codes

DRR-103 IR Control Codes

Introduction

The following information is for use with any external programmable IR host controller or any learning remote control unit with the ability to accept hex codes.

The rear panel connector for IR control is a 3.5mm socket configured as - Ring - 0VDC, Sleeve - +5VDC, Tip - Signal - 0 to 12VDC open collector.

Protocol

NEC (38kHz)

User Code

0x7D

Control Codes

When Button Is Pressed	RCU Code (Hex)	When In DAB	When In FM	Comment
TUNE	11	Scans the DAB frequency band III	Auto increments the FM frequency until it finds the next strongest signal	Same as front panel
Band	06	Switches to FM	Switches to DAB	Same as front panel
Info	16	Same as front panel	Same as front panel	Same as front panel
↑	12	Same as front panel	Same as front panel	Same as front panel
↓	1E			
➡	04	Same as front panel	Same as front panel	Same as front panel
←	40			
ENTER	4C	Same as front panel	Same as front panel	Same as front panel
10+	0D	Enable preset locations 11..20	Enable preset locations 11..20	

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When Button Is Pressed	RCU Code (Hex)	When In DAB	When In FM	Comment
0	01	Direct selection of the presets. Press and hold to set the preset to the current service	Direct selection of the presets. Press and hold to set the preset to the current service	
1	09			
2	1D			
3	1F			
4	19			
5	1B			
6	18			
7	07			
8	08			
9	1A			
(pause)	02	Pauses the audio	Pauses the audio	Enables REWIND
> Play	1C	Resumes audio (delayed)	Resumes audio (delayed)	
<< (rewind)	48	Rewinds audio at high speed	Rewinds audio at high speed	
>> (forward)	54	Fast forwards audio	Fast forwards audio	
STOP	05	Terminates the resume and return to LIVE	Terminates the resume and return to LIVE	Terminates REWIND
5m <<	58	Jump back 5minutes	Jump back 5 minutes	
>> 5m	59	Jump forward 5 minutes	Jump forward 5 minutes	
30s <<	56	Jump back 30sec	Jump back 30sec	
>> 30s	57	Jump forward 30sec	Jump forward 30sec	
Stdby	10	Toggles between ON & OFF	Toggle between ON & OFF	
FM	42	Switches to FM	Remains in FM	Directly selects FM
DAB	41	Remains in DAB	Switches to DAB	Directly selects DAB
ON	51	Turn unit ON	Turn Unit ON	Discrete code to turn ON unit, this button will not exist on the RCU

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When Button Is Pressed	RCU Code (Hex)	When In DAB	When In FM	Comment
OFF	50	Turn unit into standby	Turn unit into standby	Discrete code to turn OFF unit, this button will not exist on the RCU
Start <<	5A	Jumps to the start of the rewind recording	Jumps to the start of the rewind recording	
>> live	5B	Jumps to the end (live) point of the rewind	Jumps to the end (live) point of the rewind	
11	31	Goto/set preset #11	Goto/set preset #11	
12	32	Goto/set preset #12	Goto/set preset #12	
13	33	Goto/set preset #13	Goto/set preset #13	
14	34	Goto/set preset #14	Goto/set preset #14	
15	35	Goto/set preset #15	Goto/set preset #15	
16	36	Goto/set preset #16	Goto/set preset #16	
17	37	Goto/set preset #17	Goto/set preset #17	
18	38	Goto/set preset #18	Goto/set preset #18	
19	39	Goto/set preset #19	Goto/set preset #19	
20	3A	Goto/set preset #20	Goto/set preset #20	

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