

HDMI Distribution Amplifiers (Splitters)



RTcom digital video distribution amplifiers distribute high definition HDMI sources to 2, 5, or 10 discreet outputs. Each output is HDCP compliant and can reliably send 1080P video signals as far as 50ft using good quality HDMI copper cables. The circuitry design within RTcom distribution amplifiers is necessarily complex due to the array of different communication signals that need to be replicated with perfection. The source ports have a direct relationship with each output, so instead of creating a daisy chain within the unit where each output port feeds the next output port there is a homerun connection between the source and each output. This ensures perfect EDID communication and equally flawless HDCP handshaking.

RTcom also offers 2-input versions of the 5 and 10 output HDMI distribution amplifiers. These provide 2 inputs which can be manually selected to change the source of all connected displays.



HD-D105



HD-D205



HD-D110



HD-D210

HD-D102



HDMI Distribution Amplifiers

	HD-D102	HD-D105	HD-D205	HD-D110	HD-D210
Bandwidth	25-225MHz	25-165MHz	25-165MHz	25-165MHz	25-225MHz
Resolution	1080p @ 60Hz, 1920x1200	1080p @ 60Hz, 1920x1200	1080p @ 60Hz, 1920x1200	1080p @ 60Hz, 1920x1200	1080p @ 60Hz, 1920x1200
Input	1 HDMI type A female	1 HDMI type A female	2 HDMI type A female	1 HDMI type A female	2 HDMI type A female
Output	2 HDMI type A female	5 HDMI type A female	5 HDMI type A female	10 HDMI type A female	10 HDMI type A female
HDCP Compliant	YES	YES	YES	YES	YES
EDID	Internal and recordable EDID	Internal EDID	Internal EDID	Internal and recordable EDID	Internal and recordable EDID
Color Depth	36 bit	24 bit	24 bit	24 bit	36 bit
Signal Type	HDMI Ver. 1.3 TMDS	HDMI Ver. 1.2 TMDS	HDMI Ver. 1.2 TMDS	HDMI Ver. 1.2 TMDS	HDMI Ver. 1.3 TMDS
Digital Audio	Dolby® True HD, DTS-HD	Dolby® Digital, DTS 5.1	Dolby® Digital, DTS 5.1	Dolby® Digital, DTS 5.1	Dolby® True HD, DTS-HD
Control Options	NA	NA	Front Panel Switch	NA	Front Panel Switch
Power Consumption	3W	6W	6W	15W	15W
Dimensions	W 185mm (7.25in) D 115mm (4.5in) H 38mm (1.5in)	W 311mm (12.24in) D 145mm (5.7in) H 26mm (1.02in)	W 311mm (12.24in) D 145mm (5.7in) H 26mm (1.02in)	W 311mm (12.24in) D 144mm (5.6in) H 55mm (2.17in)	W 305mm (12in) D 160mm (6.3in) H 60mm (2.4in)
Weight	0.6 kg (1.25 lb)	1.2kg (2.65lb)	1.2kg (2.65lb)	1.5kg (3.3lb)	1.82 Kg (4 lb)



HD-D102



HD-D105

HD-D205



HD-D110

HD-D210



RTcom USA