

Converts two signal inputs HDMI or CVBS into digital Freeview compatible signals and combines them into a TV system.

Possible input combinations are 2x HDMI, 2x CVBS or one each of HDMI and CVBS.

There are 2x HDMI inputs and 2 sets of 3 phono inputs for CVBS and stereo signals.

The unit encodes the signals and modulates them into DVB-T COFDM channels before combining them with your other digital signals for distribution on to your TV system.

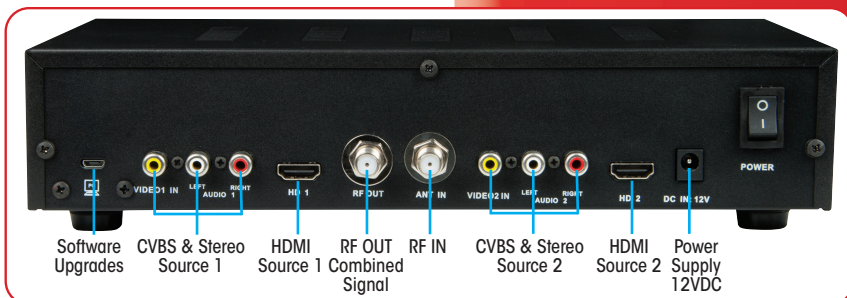
- Ideal for a wide range of HD signal sources Blu-ray, CCTV, Satellite receiver etc. with HDMI or phono output
- High quality stable image ideal for displays, security or distribution
- RF Output compatible with HD and non HD TV tuners
- Easy to install into existing TV distribution systems
- Broadcast quality construction
- Clear colour display and simple step-by-step configuration

### Applications

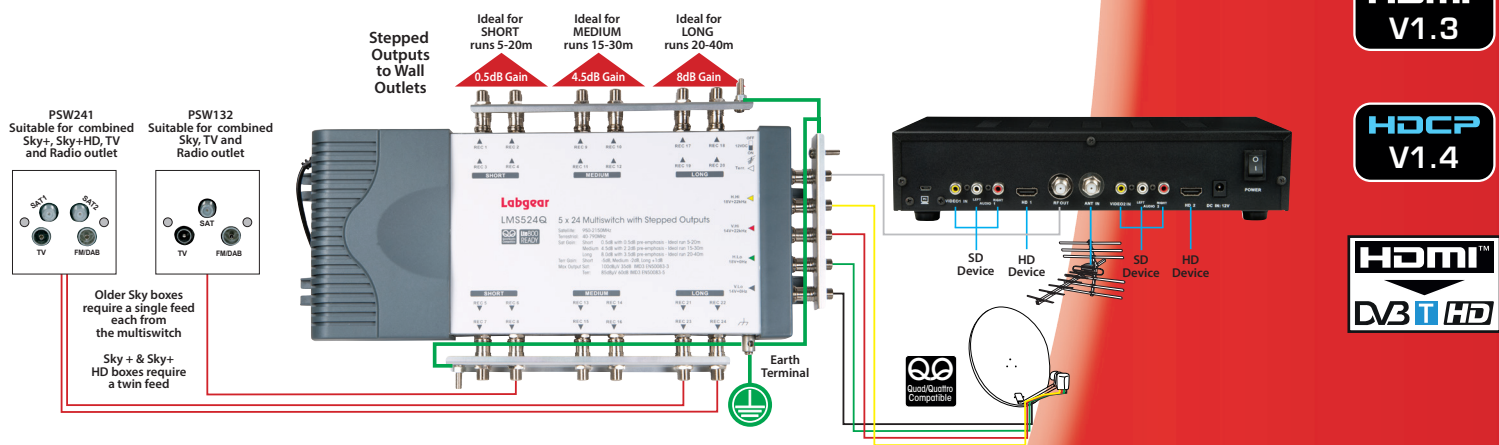
- Installation in communal TV systems to provide security or information channels
- In business locations to show information or advertising
- In retail, hotel or public spaces for high impact displays



EM7992



EM7992 connections



Modulator Section	
DVB-T	
Standard	DVB-T COFDM
Bandwidth MHz	6, 7, 8
Constellation	QPSK, 16QAM, 64QAM
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/32, 1/16, 1/8, 1/4
MER	35dB
Frequency range	50-860MHz select by Channel No.
Output Level	70-100dBuV step 1dBuV
Output Impedance	75Ω
System	
Management	LCD + control keys
Language	English
LCN Insertion	Yes
Upgrade	Micro USB
General	
Power supply	12V=5A
Dimensions	280mm (W) x 203mm (D) x 61mm (H)
Weight	1.26kg
Operating temp.	0-45° C

Encoding Section			
HDMI Encoder			
HDCP1.3 Compliant			
Compression	H.264 - bitrate 5-15Mb/s		
Version	HDMI 1.3		
Interface	HDMI x 2		
Video	Input	Output	
	Resolution	1920x1080@60p	1920x1080_50p/1920x1080_60p
		1920x1080@50p	1920x1080_50i/1920x1080_60i
		1920x1080@60i	1280x720_50p/1280x720_60p
		1920x1080@50i	
		1280x720@60p	
	1280x720@50p		
Aspect Ratio	4:3, 16:9		
Bit rate	5-15Mbps		
Audio	Compression	AAC-LC / MPEG1-L2 - bitrate 128-320 Kb/s	
	Sample Rate	32kHz / 44.1 kHz / 48 kHz	
	Bit rate	64/128/192/256/320 kbs	
CVBS Encoder			
Video	Compression	H.264 - bitrate 5-15Mb/s	
	Interface	CVBS 3 phono x 2	
	Input	Output	
	Resolution	576iPAL 480iNTSC	720x576@50i / 720x480@50i/60i

