



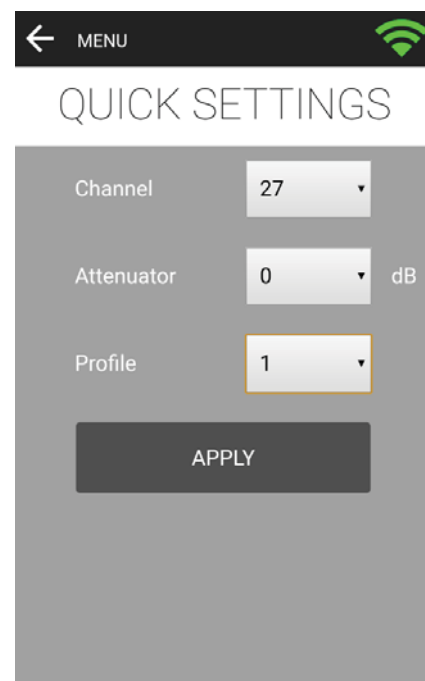
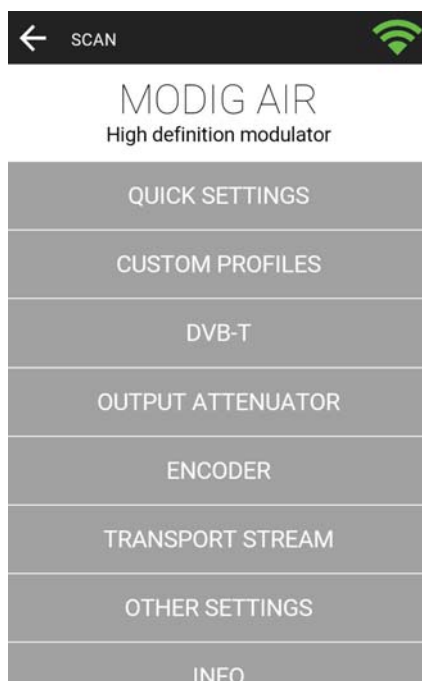
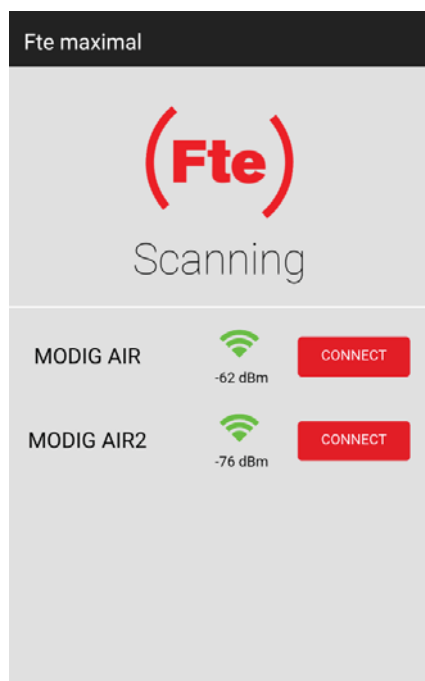
# MODIG AIR

## A/V to HD COFDM Modulator with Bluetooth



### Technical specifications A/V to HD COFDM Modulator MODIG AIR

MODIG AIR	
<b>Code</b>	6000779
<b>Input</b>	1 x HDMI Type A
<b>Parameters audio &amp; video</b>	
<b>Profile</b>	High profile 4.0
<b>Video encoder</b>	MPEG-4 AVC /H.264
<b>Video bit rate</b>	1-19 Mb/s adjustable
<b>Video output mode</b>	Auto, 480i, 576i, 720p, 1080p (FULL HD)
<b>Video resolution auto</b>	
<b>Input</b>	480i-30 fps   576i-25 fps   480p-60 fps   576p-60 fps   720p-50 fps   720p-60 fps   1080i-25fps   1080i-30 fps   1080p-50 fps   1080p-60 fps
<b>Output</b>	480i-30 fps   576i-25 fps   480p-60 fps   576p-60 fps   720p-50 fps   720p-60 fps   1080i-25fps   1080i-30 fps   1080p-50 fps   1080p-30 fps
<b>Audio encoding</b>	Mpeg1 Layer II / AAC / AC3
<b>Audio bit rate</b>	64, 96, 128, 192, 256, 320, 384 Kbps
<b>Transport stream</b>	
<b>Transport Stream configurable parameters</b>	Video PID, Audio PID, PMT PID, TS IF, ONID, NID Service name, Service ID, Provider Name
<b>LCN support</b>	Yes
<b>LCN providers</b>	Nordig, ICT/UK, EICTA/Europe, New Zealand
<b>Output Modulator</b>	
<b>Standard</b>	DVB-T (COFDM) EN 300 744
<b>Bandwidth</b>	5,6, 7, 8 MHz
<b>Mode</b>	2K, 8K
<b>Constellation</b>	QPSK, 16 QAM, 64 QAM
<b>Guard Interval</b>	1/ 4, 1/8, 1/16, 1/32
<b>Code rate</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>Output frequencies</b>	470..862 MHz
<b>Output level</b>	92±2 dBµV
<b>Output attenuator</b>	0, 10dB, 20 dB
<b>MER</b>	35 dB (Typical)
<b>Output Connector</b>	F connector 75 Ω



## Technical specifications HD A/V to COFDM Modulator MODIG AIR

<b>Control Programming</b>	
<b>Programming interface</b>	Via Bluetooth Requires Version 4.0 and above. ETSI EN 300 328 and EN 300 440 Class 2 (Europe), FCC CFR47 Part 15 (US) and ARIB STD-T66 (Japan).
<b>Platform support</b>	Android version 5.0 or above iOS version: 9.3 or above: iPhone: 4S or newer iPad: 3rd gen or newer
<b>Power supply</b>	
<b>Voltage supply</b>	+12 Vdc
<b>Current consumption</b>	290 mA
<b>External power supply</b>	100-230Vca-0.5A /12Vdc-1A
<b>Operative temperature</b>	0°C to 50°C

## Logistic and commercial information

Dimensions: 131 x 72 x 25.5 mm	Packaging: 1/60
Net Weight: 0.22 Kg (modulator + power supply)	Code EAN MODIG AIR: 8436545305744

