



MODIG AIR 2

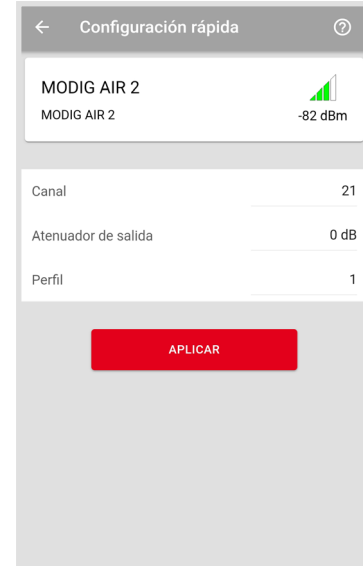
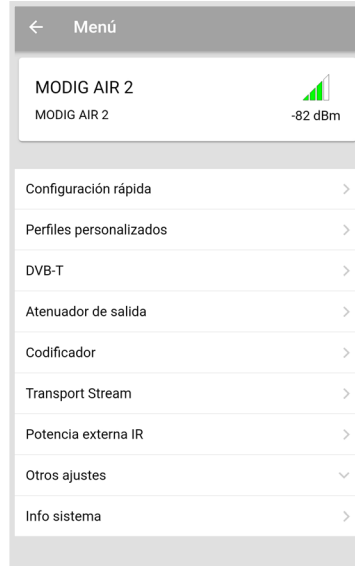
HD A/V modulator to DVB-T
with LOOP and Bluetooth



Technical specifications A/V to HD COFDM Modulador MODIG AIR 2

MODIG AIR 2	
Code	6000780
Audio/Video Input	
Type	1 x HDMI Tipo A
Codificación de vídeo	MPEG-4 AVC/H.264
Profile	High profile 4.0
Video Modes*	Auto, 1080, 720p, 576i, 480i
Resolution	Auto, 480i, 576i, 720p, 1080p (FULL HD)
HDCP support	Yes
Audio	HDMI & Mono/Stereo
Audio encoding	Mpeg1 Layer II/ AAC /AC3
Audio Bit Rate	64, 96, 128, 192, 256, 320, 384 kbps
Level	0.5Vpp a 1.0Vpp adjustable
Audio/Video Output	
Tipo	1 x HDMI Tipo A
H.264 Encoder	
Standard	MPEG-4 AVC/H.264
Bit Rate	1 - 19 Mb/s adjustable
Transport Stream Processing	
Automatic regeneration	NIT, PAT, CAT, SDT, PMTs, EITs tables
Configurable parameters	Video PID, Audio PID, PMT PID, TS ID, ONID, NID, Service Name, Service ID, Provider Name
LCN support	Yes
LCN providers	Nordig, ICT/UK, EICTA/Europe, New Zealand
DVB-T Output	
Standard	EN 300 744
Bandwidth	5, 6, 7, 8 MHz
Mode	2K, 8K
Constellation	QPSK, 16 QAM, 64 QAM
Guard Interval	1/4, 1/8, 1/16, 1/32
Fec	1/2, 2/3, 3/4, 5/6, 7/8
MIX RF	
MIX RF input connector	Connector F female 75 Ω
MIX-RF-Output through band	47-790 MHz
Insertion loss MIX RF-Output	≤ 4dB

* Selecting a video output mode different than auto, the modulator scaling the output input video to the selection output resolution.



RF Output	
Type	DVB-T
Output frequencies	174-230 / 470-862 MHz
Output level	90±2 dBμV
Connector	75Ω - F female
Output attenuator	0, 10, 20dBm
MER	35 dB (Typical)
Shoulder attenuation	>45dBc
Control programming	
Programming interface	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).
Platform support	Android version 5.1 or above iOS version: 11.0 or above
Power supply	
Voltage supply	+12 Vdc
Current consumption	290 mA max.
External power supply	100-230 VCA - 0.5A /12 VDC-1A

Logistic and commercial information	
Equipment dimensions: 198 x 100 x 26.5 mm	Net Weight; 0,32 Kg (modulator + power supply)
Unit box dimensions: 282 x 135 x 51 mm	Packaging: 1/25
Dimensiones caja master 25pcs: 700 x 300 x 300 mm	Code EAN MODIG AIR 2: 8436545306307

