

PROFLINE

DAB MULTIPLEXER + RF MODULATOR

DAB MUX RF DMR-1

DAB + MULTIPLEXER AND RF
MODULATOR IN A 3HE HOUSING



Features:

- Real time operation
- DAB / DAB+
- WEB stream input for Radio Broadcasters
- UDP SPTS input for high Quality Low latency
- Internal PC for local configuration
- RF output 0 dBm and -20 dB RF test output
- MOT and DLS(Text) input directory's (static for UDP input)
- MOT and DLS(Text) dynamic for WEB stream
- Optional MOT and DLS dynamic software
- Alarm output with relays for Signal loss and RF out of lock

The PROFLINE DAB MUX-RF is a low-cost DAB DAB+ Multiplexer with a built in RF DAB Modulator

2 IP input ports for WEB streams and/or UDP(SPTS) input

The unit can also drive our external DAB Modulator DAB TX DRM-1 over IP by using its internal router

TECHNICAL SPECIFICATIONS

RF OUTPUT

RF frequency range	174.928 – 260.640 MHz
RF Connector	CHANNEL 5A-17B BNC 50 Ω

DAB SPECIFICATIONS

In compliance with Supported DAB modes MER	ETSI EN300401 DAB (LII) and DAB+ (AACv2) > 43 dB
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CONNECTIVITY

WAN	i.e. (WEB stream input) RJ45, 10/100/1000Mbps
LAN	i.e.(UDP SPTS input) RJ45, 10/100/1000Mbps
HDMI	Monitor
USB(2x)	Keyboard/mouse

GPS INPUT

(optional for Terrestrial broadcasting)

RF Connector	SMA 50 Ω
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ALARM CONTACTS

Number of alarms : Contacts	2: (Power loss / RF Lock) Potential free (no/nc)
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GENERAL

Main power	100-240 VAC, 50/60 Hz
Power connection	IEC panel-mount/fuse 3.15AT
Safety and EMC	According to CE regulations
Housing	Standard PROFLINE 3 HE housing
Housing dimensions	19 inch x 3u x 340 mm (depth)
Weight	5 KG