

PROFLINE

BROADCAST MONITOR

PLUS1 DAB

DAB/DAB+ MONITORING RECEIVER
HIGH POWER LOW NOISE FRONTEND
HIGHRES DISPLAY + MONITOR SPEAKERS



Features:

- DAB / DAB+ receiver
- Input stage with automatic gain control
- 2 selectable antenna inputs
- Monitor speakers (stereo)
- XLR audio (balanced) digital and analog
- Highres display
- SNR and CNR measurement
- DAB ensemble, service and component ID's
- IP ports for HTTP based GUI and SNMP
- Supervising and logging facilities for RF, Audio, FIC, etc.

The PLUS1 series are based on our world famous SFD. It has the unique RF frontend design capable for high power RF environments. Supervise your audio broadcasts 24/7.

A highres display with intuitive front panel makes the unit easy to operate. It has a local/remote switch to indicate any change of settings in a managed network. All functions are fully remotely operated by web browser and SNMP.

The PLUS1 DAB receiver responds to the demands from the professional market and fills the gap between a low-cost consumer and a high-end measurement unit.

TECHNICAL SPECIFICATIONS

RF INPUT A&B

RF frequency range DAB	168 - 240 MHz
Sensitivity	- 92 dBm (15 dBuV)
Max. input level	13 dBm (120 dBuV)
VSWR	> 10 dB
Input connector	BNC 75 Ω

DAB SPECIFICATIONS

In compliance with	ETSI EN300401
Supported DAB modes	DAB (LII) and DAB+ (AACv2)
Ensemble acquisition time	940 ms
Adjacent channel rejection	50 dB
Frequency range <0.5 dB	20 - 22 KHz
Signal/Noise (S+N)/N	-80 dB
THD (IEC)	-73 dB

MEASUREMENTS

RF	Field strengths
DAB CNR	Yes
DAB FIC Quality	Yes
Audio Silence Detectors	Yes

AUDIO OUTPUT

Analog level reference	+6 dBm rms
Digital level reference	-9 dBFS pk
Analogue audio out	XLR 30 Ω (Balanced)
Digital AES3 out	XLR 110 Ω

MANAGEMENT

WEB user interface	Yes
Remote control	SNMP
MP3 remote streamer	Option

IP PORTS

Protocol	TCP and UDP
Port Type	Ethernet RJ45, 10/100/1000 Mbps

ALARM CONTACTS

Number of relays (status/alarm)	4 status / 1 alarm
Contacts	Potential free

GENERAL

Main power	100-240 VAC, 50/60 Hz
Power connection	IEC panel-mount/fuse 2.5 AT
Safety and EMC	According to CE regulations
Housing	Standard PROFLINE housing
Housing dimensions	19 inch x 1u x 330 mm (depth)
Weight	4,5 kg

DAB+