

FM TRANSMIT CATALOG

Offering efficient transmission of the highest quality radio signals for broadcast networks

FM
TRANSMITTERS

Producto distribuido exclusivamente
en Venezuela por:



FM Receiver Silver

FULL DIGITAL RECEIVER



Stereo decoder	
Signal / Noise , 1 kHz AF at 75 kHz excursion:	RMS: 65 dB Weighted QP CCIR: 53 dB
Separation	<-40 dB @ 1 kHz
Distortion	0.2% @ 1 kHz (typical)
Bandwidth (48 ksps)	40 Hz-15 kHz, \pm 0.85 dB
19 kHz suppression (32 ksps)	>50 dB

The FM Receiver Silver is a professional FM Rebroadcast Receiver which offers great performance while remaining easily affordable for broadcasters. Designed by WorldCast Systems' experienced R&D team, the FM Receiver Silver is capable of receiving a signal in difficult circumstances and outputting an MPX baseband or audio signal which can be used for high quality retransmission by any make of transmitter. This enables a broadcaster to provide complete coverage in shadow areas, tunnels and other "hard to reach" areas.

Main characteristics	
External dimensions (W x H x D)	483 mm (19") x 1U x 379 mm
Weight	about 3.4 kg
Power supply voltage	88 V - 264 V AC
Power supply frequency	47 Hz - 63 Hz
Power consumption	about 45 VA
Temperature	<ul style="list-style-type: none"> Operation : 0°C - +50°C Storage: -20°C - +70°C
Humidity	10-95% non-condensing relative humidity

RF Section	
Tuning frequencies	87.5 to 108.00 MHz
Programming step	User defined at 10 kHz or 100 kHz (default: 100 kHz)
Frequency accuracy	10 ppm at 25°C
RF connector and impedance	2 x BNC / 50 Ω
Max input RF level	120 dB μ V (+13 dBm)
RF Attenuation	0 / 40 dB
IF selectivity	Wide / Middle / Narrow
Sensitivity	S/I/I 60 dB RMS 20-23 kHz (mono) <ul style="list-style-type: none"> AF output MPX output

MPX	
Signal / Noise, 1 kHz AF at 75 kHz excursion	RMS: 62 dB Weighted QP CCIR: 50 dB
Separation	<-33 dB @ 1 kHz
Distortion	0.1% @ 1 kHz (typical)
Bandwidth	40 Hz-15 kHz, \pm 0.4 dB



Our **Powerful** FM Transmitters deliver:



POWERFUL PERFORMANCE

Our digital exciter offers a crystal clear audio signal on reliable transmitters that are designed to last.



POWERFUL CONTROL

We offer Expert Maintenance Reporting and an Advanced Metering Interface for remote maintenance, optimization, analysis & control.



POWERFUL SAVINGS

With the highest Efficiency on the market and many integrated capabilities, Ecreso helps your equipment and operations budgets to go further