



3 KW FM TRANSMITTER MONO/MPX/STEREO

OVERVIEW

E creso 3 kW FM Mono / MPX / Stereo transmitter in a totally modular configuration is composed of a 100 W mono or stereo Helios exciter, an Ines combiner and 6 Goliath amplifiers.

The units are installed in a 1.5 m high and 200 kg weight rack with 4 wheels. Access to the connectors is simplified. Connectors are grouped on a silkscreen plate located on top of the rack.

A large air tube extractor is also located on top of the rack to allow easy air evacuation.

This design ensures easy maintenance without any FM transmission chain break.

Preventive servicing or replacement of a Goliath amplifying module can be performed live (hot-pluggable), after disconnection of the defective module.

Remote controls are available to change the transmission frequency, vary the output power, the total or partial shutdown of the transmitter and many other functions by a simple connection to internet with a customized access code.

This transmitter is the combination of more than 25 years of experience in FM broadcasting and the very latest electronic techniques.

FEATURES

- Composed of standard modules from the range (Helios exciter, 550W Goliath, Ines combiner)
- Easily interchangeable modules
- Simple addition of modules (Exciter, Amplifier and 6-way combiner)
- Delivered «Quick install»
- Redundant - 550 W Goliath module (two MOSFET with stand alone power supply)
- Controlled by RS232 local interface or TCP/IP distant mode
- Optimum weight and size: 27U - 180 kg (396 lbs)
- Very affordable equipment
- Complies with EC, FCC and CCIR standards
- Exceptional manufacturing quality - Made in France
- 3 years guarantee

TECHNICAL SPECIFICATIONS

Frequency range	87,5 MHz - 108 MHz
Power output	3000 W
Power consumption	5800 W
Power supply	360 VAC - 440 VAC, 47 - 53 Hz
Input connector	XLR balanced
RF output connector	EIA 7/8"
Harmonic rejection	> -70 dB
Operating temperature	5°C - 45°C
Cooling	Forced air
Size (without cabinet)	19" - 27 U - 1500 (H) x 620 (l) x 900 (L) mm
Weight (without cabinet)	180 kg - 396 lbs

*Ref: 3 kW FM Transmitters - Datasheet 03/2010
Technical specifications are subject to change without prior notice*

ORDER INFORMATION

Standard versions	
TFE00196	EPW3000H - 3 kW mono / MPX Transmitter (TC/TS & stereo upgradable)
TFE00125	EPW3000HS - 2 kW Stereo Transmitter (TC/TS upgradable)



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