

VERY HIGH EFFICIENCY, MINIMUM ECONOMIC SPACE

LATEST TECHNOLOGY IN FM TRANSMITTERS



MAIN FEATURES:

- VERY HIGH EFFICIENCY
- RF NOMINAL POWER OF 3300 W
- LOW LEVEL SIGNAL NOISE TYP. 85 dB
- HIGH STEREO PERFORMANCE TYP. 60 dB
- EXTREMELY LOW DISTORTION < 0.01%
- COMPLETELY BROADBAND
- 6TH LD-MOS GENERATION VSWR 65:1
- LARGE LCD COLOR DISPLAY WITH TOUCH PANEL 4:3
- CCIR & FCC COMPLIANT

AES/EBU
SPDIF

HIGHEST
EFFICIENCY

LCD COLOR
TOUCH
PANEL

VSWR
65:1

LOW S/N
85 dB

STEREO
60 dB

LOW
DISTORSION

WEB SERVER
SNMP

RDS/RDBS
CODER

OIRT/JPN
VERSION



COMPACT DESIGN:

- DRIVER INCLUDED
 - 1 POWER MODULE OF 3.3 Kw
 - 3 SWITCHED POWER SUPPLIES
 - 3 X 1200W AMPLIFIER STAGES
 - PROGRAMMED POWER REDUCTION
 - LCD TOUCH DISPLAY AND SIGNALING LEDs
 - HIGH EFFICIENCY (TOTAL PERFORMANCE > 74%)
- No adjustment or tuning required.
 - Amplifier stages and power supplies are independent, easily removable and interchangeable.
 - WEB/SNMP through TCP/IP Port (SNMPv2c optional)
 - Extremely small size and weight (standard 4 RU, 19")

To achieve maximum reliability and fault resistance, a modular design with optimum redundancy has been applied

"Foldback" protection circuits protect against excess temperature and reflected power.

MAIN CHARACTERISTICS:

MECHANICAL CHARACTERISTICS

Height	132 mm (4 RU 19")
Width	483 mm
Depth	450 mm
Weight	22 Kg

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature	-5 to 50°C
Maximum Relative Humidity	95 %
Maximum Altitude	2000 m

ELECTRICAL CHARACTERISTICS

Power Supply	380/220 VAC, 50Hz Tri or Single Phase
RF Performance	> 79 % (TYP. 84 %)
Total Yield (2500 W)	> 74 %
Total Yield (1250 W)	> 68 %
RF Power Output	Adjustable
Frequency Range	87,5 - 108 MHz
Output Impedance	50 Ω
Output Connector	7/8"
Excitation Power	40 W
Input Connector (Amplifier)	N Female
Non-essential Radiation	< 1 mW (TYP. -70 dB)
AM Modulation	< -50 dB
Audio Response	From Driver