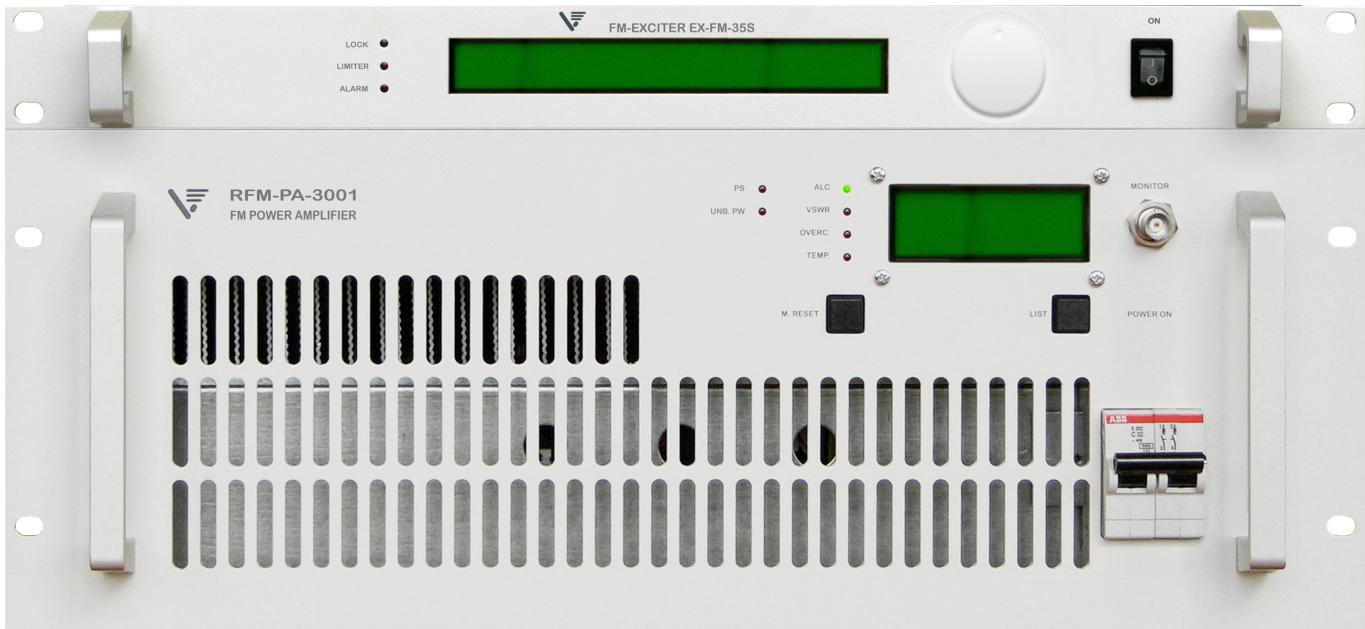


# 1+4U FM Transmitters RT-FMS-3001/4001/5001



## General data

Operating frequency range	87.5 - 108 MHz, setting in 10 kHz steps
Frequency stability	$\leq \pm 50$ Hz
Nominal output power	3000/4000/5000 W $\pm 1$ dB, adjustable, ALC mode
Output connector	7/16m or EIA 7/8
Output impedance	50 ohm
Probe	-30dB, directional coupler, BNC female
Harmonics suppression	$\leq -70$ dB
Spurious emission	$\leq -70$ dB
Audio inputs L,R	0 $\pm$ 6 dB, XLR male, balanced , 600 ohm $\pm 10\%$
AUX/RDS input	0 $\pm$ 12 dB, > 2 kohm, BNC female

## Control and settings

All settings are available on the front panel

## Protection

automatically reduce RF output power if  $VSWR \geq 2$   
standby RF Output if:

- the PLL frequency synthesizer is unlocked
- heatsink temperature  $\geq 70$  °C
- power supply overload

recover automatically after fault condition is removed

## Operating condition

Temperature range	+5 ... +45 °C
Humidity	80% non condensing
AC power supply	220 Vac +10/-15% ; 50 $\pm$ 2 Hz or 380 Vac 3-phase +10/-15% ; 50 $\pm$ 2 Hz
Power consumption	4500/6000/7500 VA max
Cooling	forced air
Dimension	(1+4)U 19"
Weight	39 kg

## Options

AES/EBU interface  
IP Remote Device Control  
RDS coder