



**EXC(RFB) 500 GT**  
**EXC(RFB) 600 GT**  
**EXC(RFB) 700 GT**  
**EXC(RFB) 1000 GT**  
**EXC(RFB) 1500 GT**  
**TRANSMITTER (AMPLIFIER)**



**EXC 1500GT** model is the **1500W** transmitter of the innovative GT family produced by Sielco. It is appreciated for the great efficiency and versatility due to three main reasons: **LIGHT** weight, **MINIMUM** size and **LOW** consumption.

To buy an **EXC 1500GT**, as anyone other model of the GT line, means to make a winning choice, to enjoy all the relevant advantages during all the life of the product and to spare money: less transport costs, less needed space to install it and the lowest energy consumption during the work.

**EXC 1500GT** is simple to set up: very easy to configure thanks to the intuitive human interface equipped with an elegant LCD graphic display, a multifunction jog control and only a few other control buttons. The high flexibility of this exciter could be even increased through the use of important options like: telemetry/remote control systems through GSM net, Ethernet connection with SNMP protocol, high quality stereo encoder, audio digital board in accordance with AES/EBU directive and RS232/485 serial port to enable an easier integration with other instruments.

The modern and attractive design of our GT transmitters reflects the state-of-the-art technology of this trustworthy model that requires a few maintenance and that allows to spare time and money. For all product life.

N.B. The amplifier **RFB 500GT - RFB 600GT - RFB 700GT - RFB 1000GT - RFB 1500GT** needs an exciter like **EXC 30GT**. The exciter together with the amplifier form the following models: **TX 500GT - TX 600GT - TX 700GT - TX 1000GT - TX 1500GT**



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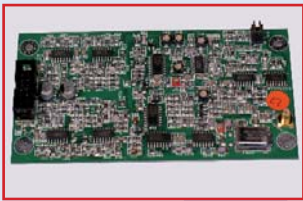
## Options



Telemetry



Ethernet board



Stereo Encoder

## TECHNICAL DATA

Frequency range		from 87,5 to 108 MHz
FM modulation		75 KHz peak deviation (adjustable)
Audio and Mpx input level		from -3,5 to +12,5 dBm @ 75 KHz deviation
Auxiliary input channel level	SCA	from -12,5 to +3,5 dBm @ 7,5 KHz deviation
	RDS	from -24 to -8 dBm @ 2 KHz deviation
Modulation distortion	75 KHz deviation	<0.05%, 0.02% typical
S/N ratio, mono	30±20000Hz	>76 dB, 80 typical
	CCIR	>75 dB, 79 typical
S/N ratio, stereo	30±20000Hz	>72 dB, 77 typical
	CCIR	>68 dB, 72 typical
Audio channels frequency response	30±15000 Hz	±0.1 dB
Pre-emphasis time constant		25/50/75 µs selectable
Rated RF output power		500W, 1000W, 1500W
Transmitter tuning steps		10/100 KHz
Output power ALC stability		±3%
Harmonic and spurious emissions		<70dB (harmonic), <80 dBc (spurious)
RF output connector		7/16
Power supply	Single phase	230 VAc ± 15%
	Three phase	N.A.
Total consumption at rated RF power		<830W (EXC500GT), <2400W (EXC1500GT)
Operative temperature range	suggested	from 0 to 35 °C
	extreme	from -10 to +50 °C max (with derating)
Relative humidity		up to 95% not condensing
Dimensions (WxHxD)		483x88x585 mm
Weight		12kg

These data are subject of variations without notice. All marks belong to the relevant owners. S. E. e O.

