



EXC(RFB) 2000 GT
EXC(RFB) 2500 GT
EXC(RFB) 3000 GT
EXC(RFB) 4000 GT
TRANSMITTER (AMPLIFIER)

EXC 4000GT model is the **4000W** 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 4000GT**, 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 4000GT 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 2000GT - RFB 2500GT - RFB 3000GT - RFB 4000GT** needs an exciter like **EXC 30GT**. The exciter together with the amplifier form the following models: **TX 2000GT - TX 2500GT - TX 3000GT - TX 4000GT**.



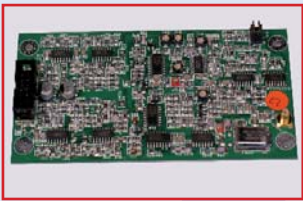
Options



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		2000W, 2500W, 3000W, 4000W
Transmitter tuning steps		10/100 KHz
Output power ALC stability		±3%
Harmonic and spurious emissions		<70dB (harmonic), <80 dBc (spurious)
RF output connector		7/8"
Power supply	Single phase	230 Vac ± 15%
	Three phase	230 or 400 Vac ± 15% with neutral line
Total consumption at rated RF power		<3900W (EXC2500GT), <6400W (EXC4000GT)
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)		483x177x650 mm
Weight		30kg

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

