



IRTE



Gap-filler IRTE TU-150

PRELIMINARY

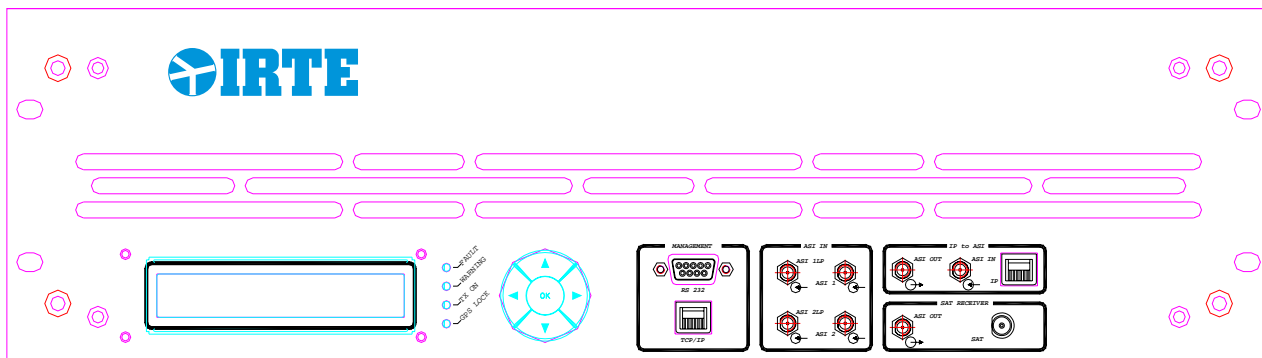
Input Return Loss	Min. -18 dB (Typ. -20 dB)
Output Return Loss	Min. -20 dB (Typ. -22 dB)
Load mismatch, all phase angle	No degradation (measured @ P _{out} =150W, F=858 MHz, VSWR 2:1)
P_{out} DVB-T	150W RMS shoulder < -38dBc (with precorrection)
MER	> 38 dB @ 150 W RMS (with precorrection)
Shoulders without output filter	< -38 dBc (with precorrection)
GENERAL	
Voltage Supply	230 VAC +15% -20% nominal (48 VDC available as an option)
Power Consumption	850 W @ 150 W RMS DVB-T @ 650 MHz (typ.)
Current Consumption	7.5 A max @ 230 VAC - PF > 0.97 analog application
Operating Temperature	0 to +50 °C
Humidity	Up to 90% (non condensing)
Altitude	Up to 3000m
Dimensions	3HU - 19" rack standard – 500 mm depth
Weight	20 Kg
IN/OUT Connectors	
ASI Input	4 x SMA female 75 Ohm (*)
RX DVB-S/S2 SAT	F female 75 Ohm
RX SAT ASI Output	SMA female 75 Ohm (*)
IP to ASI Input	RJ45 female
IP to ASI Output	SMA female 75 Ohm (*)
TCP/IP-SNMP monitoring	RJ45 female
RS232 monitoring	DB9 female
GPS IN	TNC female 50 Ohm
10MHz IN	SMA female 50 Ohm
10MHz OUT	SMA female 50 Ohm
1 PPS In	SMA female 50 Ohm
1 PPS Out	SMA female 50 Ohm
RF In (transposer/gap filler configuration)	N female 50 Ohm
RF Out Low level 0 dBm	SMA female
RF Out High Power	7/16 female
RF Monitor	SMA female
Parallel I/O	DB 25
(*) The equipments will be supplied with adaptors for matching standard I/O connectors	
SPECIAL FEATURES	
Agile Precorrection	In case of frequency change the controller loads and sets the appropriate table
Agile Gain Setting	In case of frequency change the controller sets the nominal gain
Agile Protection Threshold	In case of frequency change the overdrive and reflected power protections are automatically setted
Monitoring System	All setting informations are available from keypad and monitor on the front panel. Available options: RS232, RS485, IP and GSM/PSTN modem.
External channel filter (critical or non-critical mask) available upon request	

Contact IRTE S.p.A., +39 0331 797286 - Fax +39 0331 776082 - or visit www.irte.it for a complete listing.

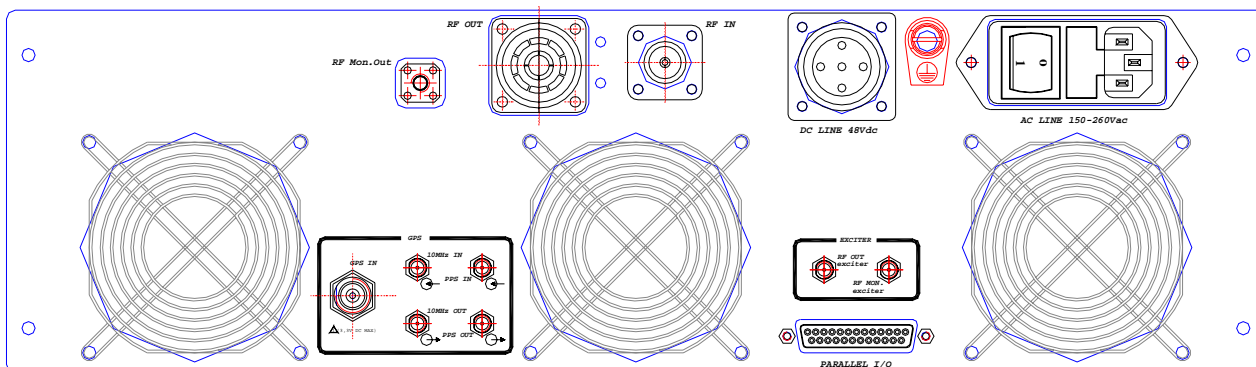
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PRELIMINARY

FRONT PANEL



REAR PANEL



IRTE S.p.A.

Via Pompei, 35

21013 Gallarate (VA) - Italy

Telephone: +39 0331 797286

Fax: +39 0331 776082

Internet: www.irte.it

E-Mail: sales@irte.it

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