

TLK

TELEMETRY SYSTEM

MODEL **TLK302T**



ORDERING INFORMATION

Model	Description
TLK302T	TLK302T is an evolution of the TLK300 Telemetry Serie that includes additional functions for telemetry.
TLK302T-02	Double Telemetry unit WEB.
TLK302T-M	Telemetry unit WEB + FM Radio Receiver and Modulation Analyzer.



TLK302T

Telemetry System.

FEATURES

PRIMARY APPLICATION: the TLK302T telemetry systems is an advanced REMOTE CONTROL unit at SNMP V 2 level that allow a detailed real time Telecontrol and Telecommand of the Componets of the Radio Station. **TELEMETRY FEATURES:** the TLK302T is a flexible and modular Telemetry Unit available in various versions for IP connection, via GSM-2- 5G-LTE or both in the same cabin.

CONFIGURATIONS: The TLK302T is available to support the different configuration of Transmitters of the RVR Family: Modular, KPS, TEX, PTX, BARRACUDA as single driver or dual driver, in 1+ 1 and N+1 configuration.

HARDWARE FEATURES: The TLK302T is housed in lightweight and rugged stainless steel rack cases having the dimension of 1 HE, the cabin is prewired to accept some slide-in options that can be upgraded on field.

USER-FRIENDLY FEATURES: On the front panel of the TLK302T there are several LEDs that indicate the operating status of the system and allow an immediate diagnosis of the functionality and connections.

EASE OF MAINTENANCE: TLK302T is made of modular design, the boards and the main components are assembled with plug-in to facilitate ugrade and the maintenance.

RELIABILITY/CONTINUITY: the telemetry systems TLK302T can be powered with an aexternal DC Sources (15-24V) to assure a Power Supply Backup to the Mains Power Supply in case of mains power failure.

INTERFACE CONTROL: the rear panel features all connectors that could be used to connect the equipment to the various station components. The telecon software, as well the WEB interface used for remote management, features a user-friendly HMI and is fully compatible with any WEB browser.

FRONT PANEL: on the front panel there are LEDs that indicate the TLK302T and Monitorin operation, an Headphone connector foe direct Audio Monitor, a general Power Switch.

BACK PANEL CONNECTIONS: on the back panel of the TLK302T all connector : RJ45 for two LAN connections, antenna for RF input for the monitor, connectors for the GPIO of Telemetry and Monitor.

PROGRAMMABLE GPIO : CE CONTROL: For customised applications, are available 9 programmable GPIO (three for each connected Device) to provide alarms using selectable mode such as SMS, MAIL, SNMP, I/O - CONTACT.

TLK302T

Parameters		Value	Notes
GENERALS			
Ambient working temperature		-10 °C to + 50 °C / 95%	Relative humidity non condensing
POWER REQUIREMENTS			
AC Power input	AC Supply Voltage	VAC	100 - 240
	AC Apparent Power Consumption	W	15
	Connector		VDE IEC Standard
MECHANICAL DIMENSIONS			
Physical dimensions	L x H x W	mm / inch	483 / 19
		mm / inch	88 / 3 1/2
Weight		kg	About 1
Cooling			Convection cooling
Acoustic noise		dBA	0
INTERFACES			
Signalling LEDs			Yes
RS232			Yes (only exciter PTX)
RS485	PLUG-IN protocol		Yes (only TX PLUG IN-CA version)
I'C	For sampling the RVR station single and dual exciter		Yes
	10/100 base-T Ethernet LAN		Yes
RJ45	HTTP		Status and configuration can be accessible from any internet browser on a PC or smartphone.
	SNMPV 2.0		Status and configuration can be accessible from MIB browser and TRAP alarm receiver.
	SMTp		Alarm notification events sends via emails (up to 2 independent address can be defined).
	SMTp		Built-in dock synchronization over networks.
FUSES			
On mains			1 External fuse F 3,15 A T - 5X20 mm
On services			X
On PA Supply			X
On driver supply			X

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



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