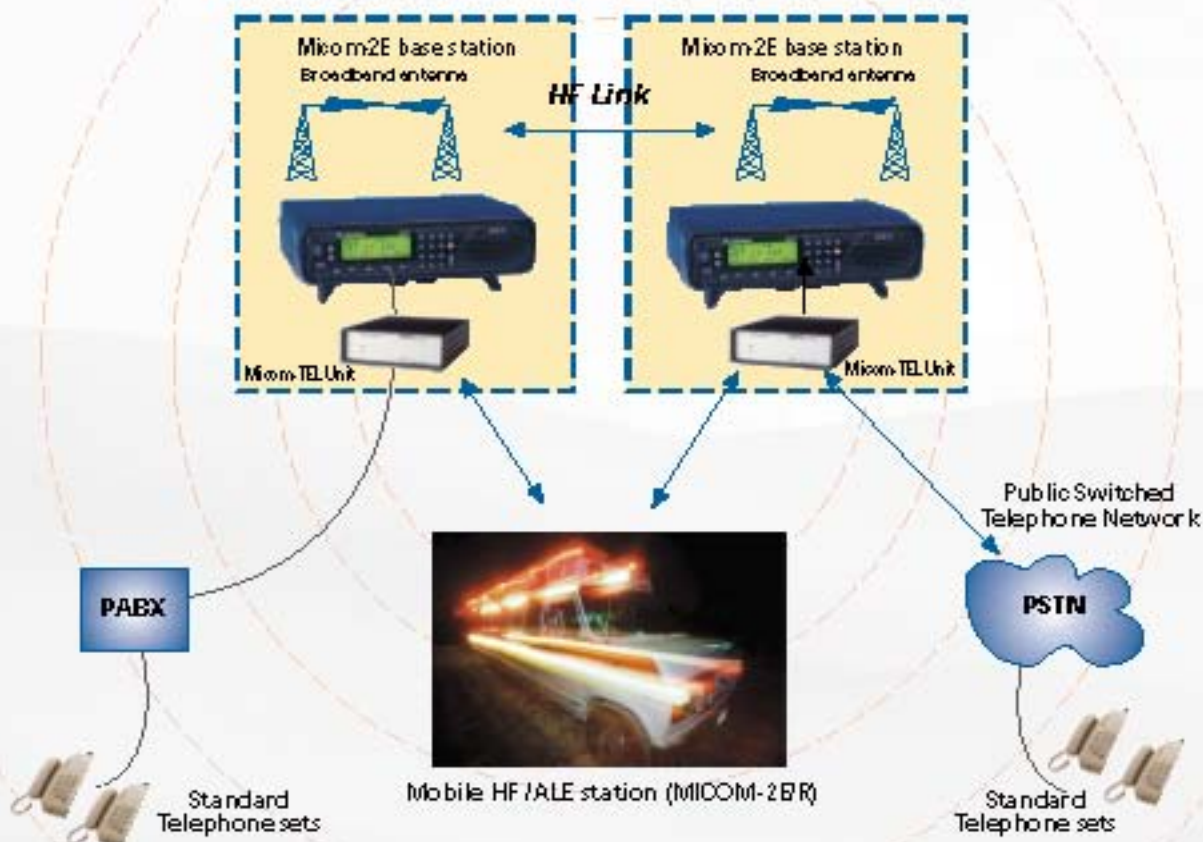


Micom™ -TELTM

HF-SSB Automatic Telephone Interconnect



Micom™TEL unit offers enhanced long distance communication combined with automatic telephone interconnect as part of a single communications network. Customers can streamline their operations with this flexible system.

For automatic telephone interconnect the Micom-2 BR ALE station is equipped with the Automatic Link Establishment (ALE) feature and the Micom™-TEL Automatic Telephone unit.

This feature greatly simplifies the operation of the HF system. The operator's actions are performed similarly to the dialing of a normal telephone set.

When a system with Micom™.TEL is connected to a PABX (Private Automatic Branch Exchange) or the PSTN (Public Switch Telephone Network), subscribers can call internal lines as well as outside (trunk) lines. A PABX subscriber can also make calls via the HF link to any remote HF/SSB Micom-2BR ALE Fixed or Mobile station, as well as receive calls from any of these stations.

Micom™ -TEL

HF-SSB Automatic Telephone Interconnect

PERFORMANCE SPECIFICATIONS

Model:	RLN2677A
Operating Temperature:	-30°C to +60°C
Storage Temperature:	-40°C to +85°C
Relative Humidity:	95% at 50°C
Audio Distortion:	3% max.
Hum and Noise:	-4.5dB
Self Test:	Built-in Self test (BITE)
Input Voltage:	13.8VDC from Junction Box
Output Level to Phone Line:	-9dBm max.
Input Level from Phone Line:	-9 dBm nominal; -25dBm min.
Output Impedance to Phone Line:	600 Ω
Vox Key Sensitivity:	-25 dBm to -13dBm (programmable) Tested on 1000Hz
Audio Frequency Response:	300-3000Hz ±3 dB (Notch on 1024 Hz in SSB Rx path)
Dial Techniques:	DTMF (Tone) or PULSE (programmable)
Telephone Line Connector:	RJ-11 6-position, 4-contact, and 2-terminal connectors (on line interface)
Line Interface Protection:	FCC PART 68, DDC CS-03, and UL 1459 protection circuitry
Current Consumption:	300 mA max. at 13.8 V
Size L x W x H (mm):	258 x 174 x 60
Weight:	1.5 kg

Specifications subject to change without notice.



Micom-TEL Unit



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