

Radio Telephone Interface for HF Radio

RTI-1000



INTRODUCTION

A Phone patch unit is a versatile interface unit between a wireless transceivers and telephone line of your EPABX. The unit is designed for the users of HF, and is intended to enable you to make a wireless call right from your nearest telephone extension without you actually moving physically wireless set. With help of DTMF encoder on your mobile or portables you can dial any telephone number on your EPABX. With the help of interconnect, your communication network becomes very much flexible and multi-dimensional.

EASY INSTALLATION

The unit is easy to install and is compatible with all popular brand of VHF/UHF wireless .Easy installation saves time as well as coasts

AUTOMATIC CALL FORWARD

If the base station is unattended, incoming calls can be automatically transferred to mobiles or portables in the field and constant communication is maintained. The ring out setting lets you decide whether the call should be transferred on the first or other no. of rings. The system is smart enough to detect the busy tone and disconnect the line

PTT TIME OUT

Automatically shuts off the link if the PTT remain active for more than 60 sec, thus saves the wireless equipment from burn out.

NO ACTIVITY TIME OUT

Automatically shuts off the link, if there is no activity for more than 45 sec

LINE IMPEDENCE

Unit automatically balances the line impedance. No manual adjustments are required to maintain clear , consistent volume levels during communication.

HIGHLY RELIABLE OPERATION

The use of sophisticated digital microprocessor technology and use of high grade industrial/ commercial component makes the unit highly reliable. That means your system will continue to work for you minimal repair cost.

TIME OUT TIMER

Automatically shuts off the link after a predefined time intervals

USER FRIENDLINESS

The system is very user friendly and no in-depth knowledge is required for its usage

TIME OUT TIMER

Automatically shuts off the link after a predefined time intervals

Other Features & Specifications of RTI-1000 (HF)

- Call Limit timer
- Selectable number of rings to answer.
- Mobile activity timer.
- Factory default settings.
- Courtesy beep.
- Programmable busy tone locking.
- Programmable VOX operation.
- Programmable modulation level.
- Programmable Gain control
- Five LED 's on front panel shows the status of the system.
- Patch switch for connect or disconnect the link by operator.
- Two wire unconditional line.
- Modular plug for telephone line connection.
- Operation over -10 degree to + 60 degree
- 500mA DC input current approximately.
- Freq. Response 300Hz to 3400Hz
- Signal Distortion Less Than 3% @ 1KHz SINAD
- Telephone Interface on RJ-11
- Telephone voltages 48V / 24V
- Echo Cancellation Automatic
- VOX Threshold better than -40 DB
- VOX Delay Programmable
- PTT Current Sink
- Voltage +12VDC
- Current 500 mA
- Call Limit Timer Programmable
- Ring To Answer Programmable (2-9 Rings)
- Factory Default Setting
- Curtsey Beep on Change over Programmable

**TECHNICAL SPECIFICATIONS ARE SUBJECT TO CHANGE
WITHOUT OBLIGATION OR NOTICE**



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