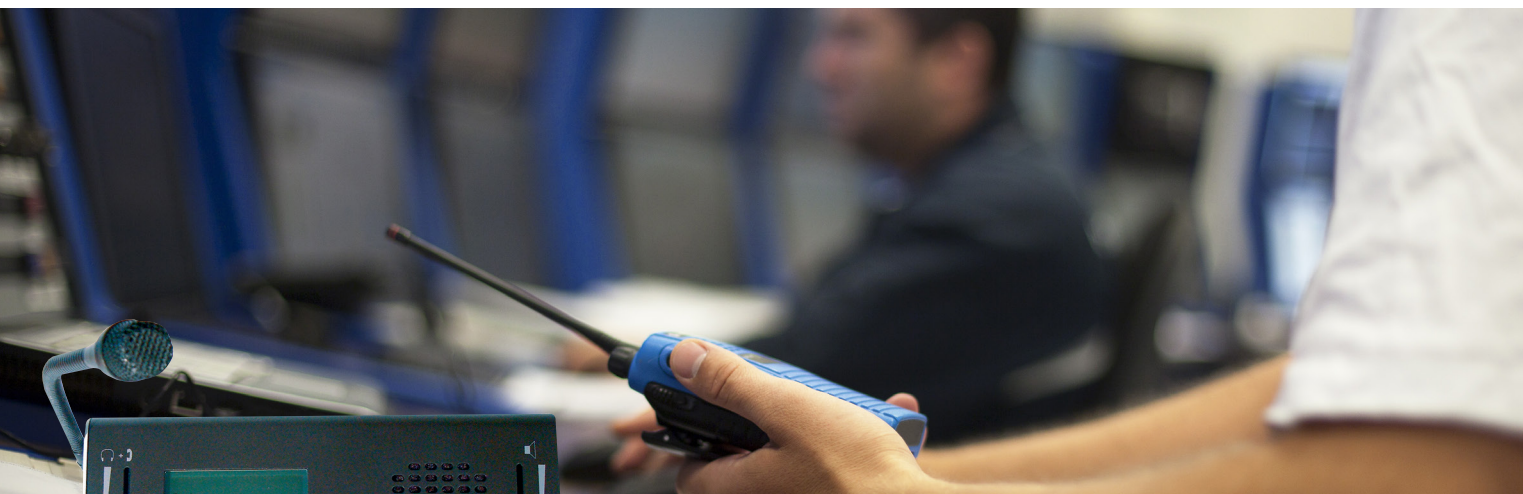


IHM TE 10-39/3

IP Radio Dispatch Terminal



IHM TE10-39/3 IP Radio Dispatch Terminal

TE10-39/3 Technical Specifications:

The TE10-39/3 Dispatch Terminal is designed for use in Communications Systems using Selective Calling as well as in Open Systems. The unit is programmable from a Windows based setup utility program.

Basic functions

The TE10-39/3 is an Operator terminal with built-in VoIP interface which is compatible with the radio base station controller IHM-COM53 and the communication switch interface HM817.

The optional built-in 4-wire interface is compatible with radio base station controller IHM-COM52 and the communication switch interface HM808 & HM818.

It may also be used for direct connection to a local radio base station or a gateway module on a third party communication system.

By configuration, this connection may be used either in normal mode or in fall back mode (line error to communications switch). One of the interfaces could also be used for interface towards an external voice recorder.

Facilities

- Variable headset- and microphone level
- Goose neck microphone
- CCIR and ZVEI RX/TX as well as DTMF TX tone systems
- Individual alert tone for normal and priority Calls
- Incoming Call queue for the last 20 received calls. Select between FIFO (First in - first out) or FILO (First in - last out) operation
- Outgoing Call queue for the last 20 out going calls
- Manual or automatic retransmission (Talk Through)
- Connection control (line fault detection) and Channel selection with up to 6 bits which equals to 64 channels

Interfaces

- 1 x PDS-8 for 10/100Mbit network connection.
- 1 x PDS-6 for programming (RS232).
- 2 x PDS-8 for headset, handset or hand microphone.
- 1 x PDS-8 for goose neck microphone and/or Foot operated PTT. *)
- 1 x DC socket for 12 VDC, the terminal is compatible with IHM 84-PS2/1 and 84-PS8.

*) Please note an optional PDS T-adaptor (60-52-60828) is required when using both the goose neck and the external PTT switch simultaneously.

Baby board section (optional)

Max. 2 pcs. HM108 modules with 1 x PDS-8 for:

- 4- wire audio + Key & Squelch for local controlled base station or
- 4- wire leased line interface for remote controlled base station via COM 52 line controller or
- Voice log interface 4 wire or
- 4-wire audio with E/M for voice connection to external third party equipment

Network requirements

Speed: 10 or 100Mbps
Bandwidth: 128kb up/down per active channel
Latency: One way <150msec, two ways <300msec
Jitter: <160msec

4-wire requirement

Loss: Maximum 20dB
Interface: AC coupled lines, DC coupled lines, Microwave, Satellite and similar circuits are supported

Size & weight

Width x Depth x Height: 240 x 200 x 70mm
Weight: 1.2 kg

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