

INTERCOPE

TelexBox

Product overview

There are unique advantages in using telex for telecommunication. For example: Telex is legally binding. That's why telex is the medium chosen for secure transfer of essential documents - from important contracts to highest value payments - to destinations in every corner of the world.

The telex system of today, installed at the extremities of this critical network, must meet highest standards in software and hardware engineering. Such reliability and security requires not only appropriate software, but also calls for a truly safe device to interface the servers to the actual telex network.

TelexPlus/Open uses the proven INTERCOPE TelexBox which connects directly to public telex networks.

Although telex offers tremendous advantages it is a slow and therefore quite expensive means of telecommunication. This raises a demand for reduced transmission costs which can be achieved by sending traffic on bulk telex carriers. These carrier companies transmit telexes internationally on high speed telecommunications systems, then deliver the messages into the local public telex service in the destination country.

Highlights

- Robust housing and layout
- Up to 4 lines per TelexBox
- Battery backed memory
- Safe protocol to server
- PTT approved in most countries world-wide
- No moving parts
- Printer port
-

Highlights

- The TelexBox is a computer in its own right
- The design fully takes into account the very specific needs of this type of communication
- It has no moving parts, such as disks, nor any visible switch. Hardware faults and negligent handling are thus kept to an absolute minimum
- Automatic redialling procedures (as per CCITT U40 recommendation), forced answerback exchange, etc., are fully automated by the TelexBox
- The massive metal casing ensures excellent physical robustness and prevents electromagnetic interference
- Different models handle up to four telex lines per TelexBox
- Multiline TelexBoxes significantly reduce the total of hardware connections required on the telex system server
- If a fault is suspected, TelexBox operations are easy to check by activating built-in diagnostic programs. Activation is by concealed front-panel buttons. The result is displayed immediately via LEDs
- Country specific settings are set and updated by downloaded software modules. No EPROM is burned, no new hardware is required
- The standard connection to the telex server is asynchronous (RS232). Connection can also be established via TCP/IP or X.25 using appropriate protocol converters (option)
- Various answerback check procedures available
- A printer port on the TelexBox enables optional immediate printing during the transmission/reception of a telex (like an old telex type machine)

Security

- Full battery backup prevents data loss even during power cuts of up to three weeks. No intervention is required to restart the link to the server when power resumes
- No visible controls, no power switch. This avoids damage by wrongful use (e.g. power off) or interference by unauthorised personnel
- Telex transfer to and from the telex system is document based, much safer than just simple data streams. Data is sent and received in blocks with block sequence control and checksum per block at both sides. This prevents data loss or error resulting from hardware faults
- The TelexBox never deletes a telex by itself. The deletion is triggered by the telex system only after the message has been properly received by the server

- A detailed final transmission report is sent to the telex server which contains every character which was transmitted and received while the connection was active. The telex server saves this report as part of the document and later it can be retrieved for tracking purposes. Such a report is mandatory as legal evidence

Approvals

- The INTERCOPE TelexBox holds PTT approval for - and is installed in - over 50 countries worldwide
- INTERCOPE is committed to obtain any outstanding local certification upon order

