



VIT1000

VIRTUAL INTERCOM TERMINAL

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The VIT1000 provides access to ship intercom system via handset/headset, loudspeaker/mic, with touch screen control. Remote control of radios also possible. The VIT1000 is the newest addition to a growing range of ship intercom products, offered in conjunction with Trilogic/Clear-Com. With the familiar user interface of a 7 inch touch screen, and combined with an array of useful capabilities

in interfaces, the VIT1000 is easy to operate in demanding shipborne environments, where high humidities and the possibility water spray on equipment exists. The VIT1000 integrates seamlessly into the operationally proven intercom system co-developed by Reutech Communications and Trilogic/Clear-Com.

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FEATURES

- Familiar 7 inch touch screen interface operating Windows
- Tightly integrated into Trilogy/Clear-Com intercom system (Optional)
- Waterproof for demanding environments
- Mounting options are portrait, landscape, and angled

GENERAL CHARACTERISTICS

- Volume control for speaker and headset
 - unit speaker power is 4 W
 - headset power is 100 mW
- "Cut" switch to mute speaker if headset is in use
- Mic built into speaker, and PTT switch on front panel of unit, to allow transmission with no handset/headset
- Dimming of screen and backlight in 4 levels: off, low, medium, high

OPERATIONAL CHARACTERISTICS

- Accept and join connections to assigned/preset audio channels
- Manage connected radio channel (frequency, modulation, etc)
- Centrally controlled channel setup, as per Trilogy/Clear-Com system
- Stand alone radio remote (Control, Audio & PTT)

SYSTEM ADVANTAGES

- The system the VIT1000 integrates with uses industry standards such as IP connectivity and VoIP
- Internal and external communication (voice and data) integrated into one network
- Trilogy/Clear-Com system and partnership reduces "single point of failure"
- Planning, management, and replacement of failure LRUs, may be managed and controlled
- Manage many, secure voice sessions
- The system is scalable from simple to extensive solutions

INTERFACE CHARACTERISTICS

- Sealed MIL connector
 - carries ethernet, with PoE (<30 W)
 - optional DC power in, PTT in, mic in, squelch out, speaker out, alert output for light tower/sounder
- USSC 6 pin connector to handset, headset, other audio peripheral

ADVANCED OPTIONS

- Alarm functions/buttons

ACCESORY OPTIONS

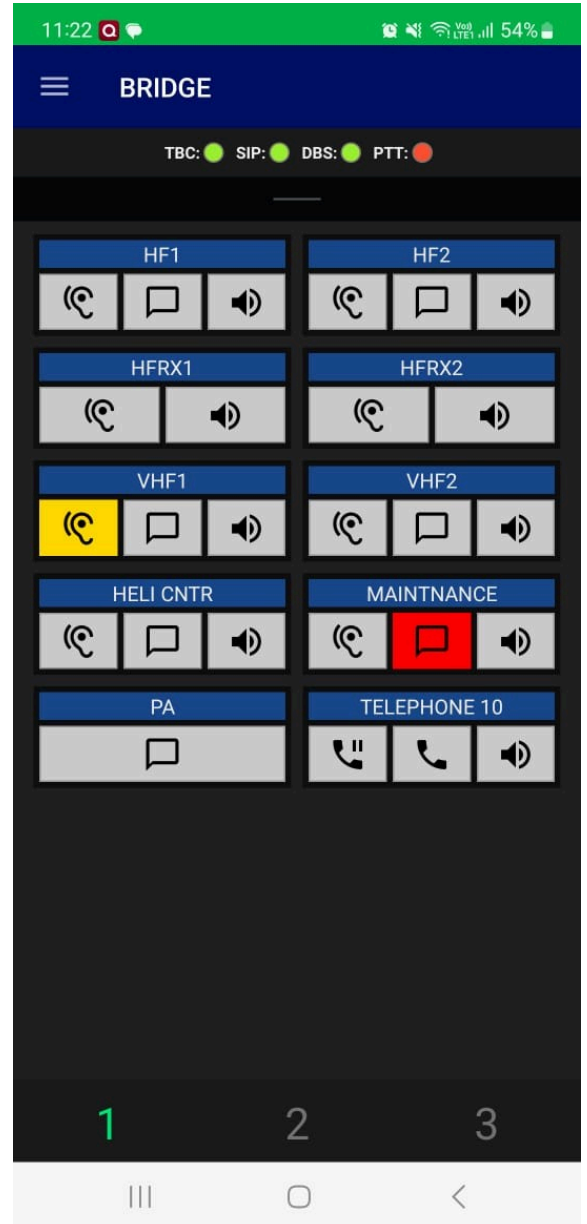
- Mounting brackets for orientation options
- Earth braid
- Main connector pigtail (1 m to 5 m options to a junction box) for installation convenience

PHYSICAL CHARACTERISTICS

Dimensions	220 x 160 x 30 (mm)
Weight	2.2 kg (without accessories)

ENVIRONMENTAL CHARACTERISTICS

Waterproof	Splash proof to IP56
Operating temperature	-20 °C to 60 °C



REUTECH COMMUNICATIONS, A DIVISION OF REUTECH (PTY) LTD

PO Box 285
New Germany 3610
KwaZulu Natal
South Africa

9 Valley View Road
New Germany 3610
KwaZulu Natal
South Africa

+27 31 719 5700
communications@reutech.com

reutechcomms.com



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