Rising Tide
RE4B

Product Overview

The Rising Tide RE4B is an Ethernet to Serial Network Bridge for use in Business Music System applications.

The RE4B allows the Bose FreeSpace E4 to have the remote access capabilities needed in modern, networked installations.

The RE4B effectively extends the Bose E4 serial port over an Internet connection to a remote PC. The remote user can then manage all of the features of the Bose FreeSpace E4 including:

- Scheduler – All features of the E4 Scheduler are available to the remote user.
- Error Logs – All E4 error Logs are remote accessible.
- System Configuration Changes - Changes to input level, autovolume, or any other FreeSpace Installer control are available to the remote user.
- Remote installation of E4 firmware updates.
- Reduced service time to reconfigure, diagnose or repair.
- System-wide configuration changes. (planned for 05)

Product Features

- The RE4B is a network bridge between the RS232 Serial Port on a Bose FreeSpace E4 and an Ethernet network.
- Control of one Bose FreeSpace E4 over an Ethernet network using Bose FreeSpace Installer Software. (not Included)
- Remote Internet (WAN) setup and control of a Bose FreeSpace E4 over a compatible High-Speed Internet connection.
- Local network (LAN) setup and control of the Bose FreeSpace E4 over an Ethernet LAN network. The LAN Port includes a 4-port AutoSensing Switch.
- Our WAN DHCP with Dynamic DNS support enables plug and play network installation. This feature allows Remote Installation with no onsite configuration (assumes working DHCP ISP connection).

Requirements

To install and configure the Rising Tide RE4B requires a PC with Windows 2000 / XP and Rising Tide RTnetWare and RTwebWare software utilities.

Utility programs, installation manual and application notes are included on the CD that ships with the Rising Tide RE4B and are available online at www.rising-tide.com.

Technical Information

Network Hardware
166Mhz ARM9 Microprocessor
8 Mbytes SDRAM
4 Mbytes FLASH Memory

Embedded Linux OS
Mature Networking Stack
DHCP with Dynamic DNS support
Field Upgradeable

WAN Port
RJ45 10/100Base-T

LAN Port
RJ45 4 Port 10/100Base-T Switch
AutoSensing

Serial Port
9– Pin Male   RS-232

Power
12V 800mA External Transformer

Dimensions
7 x 4.6 x 1.7 inches
(17.8 x 11.8 x 4.3cm)

Weight
12 oz. (300g)

Operating Temperature
0C to 40C

Storage Temperature
-20C to 70C

Indicator LEDs
PWR, HeartBeat
WAN/LAN Link and Activity

Support Features

Warranty
One year included.

Utility software
RTwebWare - configuration tool
RTnetWare - virtual serial port

Approvals
FCC Class B, Home or Office use, CE

Contact

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