

Elexol “Blue Cable” Solution

The Elexol “Blue Cable” Solution shown below is a powerful new message-on-hold player designed specifically for connection to a client’s PABX system and network with Internet access. Messages can be uploaded/updated by the Service Provider to an Internet based File Server, no matter where they are located, without client involvement.

This solution eliminates the costly need for the Service Provider to record and distribute message updates by tapes and CD and then having to ensure their correct and timely installation by the client.



PRODUCT FEATURES

- A stand alone Digital MP3 Player.
- 16Mb Non Volatile Flash Memory
- Supports sampling rates from 8 to 192 Kbps
- Stereo or Mono
- 16 Track support
- Remotely controlled and updated using File Transfer Protocol (FTP)
- Unit provides feedback to Service Provider when successfully updated
- Remote Manager Software provided

Service Provider and User Requirements and Operation

Service Provider:

To set up a message-on-hold provider service using the Blue Cable device, the Service Provider requires the following:-

- A PC running Windows 98/NT/2000/XP
- Broadband Internet connection
- An FTP Server and a Mail Server (note: if a company has a website, they already have the required servers)
- Access to a recording studio for the production of audio messages (this operation could be contracted to an independent studio)

User:

To facilitate installation of a Blue Cable message-on-hold device at the user (client) end, the user requires the following facility:-

- A PABX system with an audio line input
- A network connection
- Broadband Internet connection to the network
- Ability to enable device to have network access to Ports 21 (FTP) and 25 (SMTP)

Operation:

Set out very briefly below is the basic steps to be taken by a Service Provider in setting up a user: -

- Service Provider produces audio/message program for client and installs it on his (Service Provider's) PC.
- Using the powerful Blue Cable Manager Software provided, the Service Provider uploads the audio message to the FTP Server, then plugs in the Blue Cable unit and allows the unit to download the audio files. This allows the unit to be sent to the client fully loaded with the client's initial audio program.
- Service Provider then sends the Blue Cable unit to the client.
- Client connects unit to there: PABX with an audio cable, Network with the data cable and to his power outlet using the Universal Power Pack. (Note: data cable and power pack, together with installation instructions, are supplied with the Blue Cable unit)
- Client turns on Power and the Blue Cable initiates itself.
- From this point on the Blue Cable unit functions automatically, requiring no client interaction other than simple volume control if necessary.
- To update the client's audio program, the Service Provider simply uses the Blue Cable Management software to upload the relevant files to the FTP Server. The Blue Cable unit will then automatically download the new program.

Service:

As the Blue Cable unit is a fully programmed self-contained unit it does not require any ongoing servicing.

The Service Provider is not required to effect any repairs should a unit fail as Elexol Pty Ltd offers a full 2 year limited replacement warranty. Should repair be necessary after expiry of the Warranty, the unit would have to be returned to Elexol for repair, but at Service Provider's/client's expense.

It is essential that the Service Provider become thoroughly familiar with the Manager Software

Advantages:

The Blue Cable unit offers the following real advantages to the Service Provider and Client: -

- Other than to initially plug the unit in upon receipt, the client has no further need to touch or worry about the unit as all operations are controlled by the Service Provider using the powerful Management Software.
- The Service Provider does not have to have a technician carry out installation at the Client's facility thereby making a considerable cost saving.
- The Service Provider can monitor the operation of the Blue Cable unit using the Management Software and the diagnostic features incorporated in the design of the unit.
- If the Service Provider has installed the Blue Cable unit on an update contract (eg. 4 updates per year included in the contract price) he simply contacts the client to obtain update requirements, records the update, installs the update on his PC and the client's Blue Cable unit will automatically download the update without requiring any intervention from the client or a technician.

SPECIFICATIONS:

Audio

Data Format - MP3 (MPEG 1 and MPEG 2 audio layers 2 & 3)
Bit Rate - Supports 8kb/s - 192kb/s and all VBR up to 192kb/s
Audio Output - Stereo or Mono
Maximum Audio Output: 2W per channel.
Minimum Load Impedance: 4 Ohm

Message

Storage - 16MB (16384kB) Non Volatile memory
Storage times – 16 Minutes to 4 Hours of playback dependent on quality of track
Message tracks - up to a maximum of 16 tracks

Controls

Elexol Blue Cable Solution is configurable by the Elexol Remote Manager Software. The unit also has 4 push buttons to control the settings with in the unit.

Data

Data Transfer – TCP/IP using a standard 10 Base T Ethernet Interface

Connectors

Power Connector – 2.1mm DC Jack with positive centre pin.
Data Connector – Standard RJ45 Network Socket and conforms to the 10 Base T standard.
Audio Connection - 3.5mm Stereo Audio Socket

Power

Power 9-15V DC
Power consumption 175mA Average with no speaker load

Physical

Plastic/Aluminium Enclosure
Dimensions Length 165mm Width 103mm Height 32mm

ABSOLUTE MAXIMUM RATINGS

Power Specifications

Maximum Power Input Voltage	15V DC
Maximum Audio Output	2W per channel
Minimum Load Impedance	8 Ohm

Operational Specifications

Storage Temperature	-10°C to + 50°C
Ambient Temperature (Power Applied)	0°C to + 50°C
Input Power	9-15V DC
Power Consumption (No Load)	Average 175mA

Technical Support and Further Information

For any questions relating to the Elexol Blue Cable unit please contact us by Email, Fax or Phone.

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Security Declaration

Elexol Pty Ltd hereby declares that: -

- The Elexol “Blue Cable” Solution message-on-hold audio device contains no software or program whereby it gains access to, records, searches or otherwise gains or transfers information from any user or PC connected to the same network as that to which the “Blue Cable” device is connected.
- The only information stored and transferred within and by the “Blue Cable” device is specific to the messages and other audio contained in the device and the programming and management thereof.
- The Management Program (Software) for the “Blue Cable” device contains no code or purpose other than that necessary to operate the device.