



Message Store

Features

- User friendly record/replay facility
- Possible to inject alarm tone warnings
- Use in highly secure duplicated PAGA applications with galvanic A/B isolation
- Monitored critical path

Description

The BARTEC VODEC RP8/60 message store is 1U low profile 19 inch rack mount enclosure, which carries a single motherboard style PCB.

The unit facilitates record and replay of up to eight separate high definition voice messages, each retained in non-volatile electrically alterable memory.

Voice message text duration is up to 60 seconds for each channel, i.e. total of 8 minutes storage time.

Messages are downloaded into the RP8 by a plug in microphone or audio source (e.g. prerecorded message) at base band audio.

User selects voice channel to be recorded into and depresses the „record“ button. Speech is now recorded on the selected channel memory.

Upon release of „record“ button the recording into the requested channel store is terminated. The user can now monitor the recorded program via a plug in headset by depressing „playback“

(without broadcasting over host system loudspeakers).

Once the recording is accepted the user deselects the voice store channel and the message is set for broadcast system for playback only the message is retained indefinitely regardless of power supply status.

It is possible to interleave a recorded message with an alarm tone menu held in highly secure anti-fuse VSOC (Vodec system on a chip).

Alarm tones can be protected by tamperproof switch selection which obviates external equipment/tool connection.

Each message/alarm is selectable by „dry“ volt free contact with in built priority to ensure that critical messages over-ride low priority messages, i.e. message #1 over-rides #2 and so on.

An integral status display indicates which message is currently selected for playback/recording.

Technical Data

Power supply

DC 48 V can be derived from host VA300/CAGE

Consumption

100 mA

Record input sensitivity (analogue)

50 mV pk-pk

Band width

300 Hz - 3kHz

Message text length - each channel

60 seconds x 8

Output

0 dBm duplicated A + B outputs

Control output

Duplicated isolated „key“ host PAGA contacts

Control inputs

8 volt free contacts

Number of separate messages

8 channels

Dimensions

450 mm wide
44.5 high (1 unit)
160 mm deep (minus the handles, 45 mm)

Temperature range

-20 ° C to +50 °C