

# VBOX Voice Sound Card

## Features:

**Up to 4 minutes recording time (extended times to special order)**  
**Integral 7 watt (music) mono amplifier with volume preset**  
**Line output socket**  
**Line input recording socket**  
**Normal, Sequential or Random message playback modes**

## Controls and Connections

Mode Jumper Set to P for Playback, set to R for Recording

LEDs Indicate Mode status

Jumper pins 1-6 Short required pin-set to re-play a particular track when in Playback and Local control modes.

Short and hold any pin pair to record when in Local and Record modes.

Pins are 5V TTL logic, pulled low to activate.

Volume preset Controls amplifier volume, does not adjust line output signal

Line input 3.5mm mono jack socket. 320mV p-p for maximum volume.

Line Output 3.5mm mono jack socket. 1V p-p buffered output.

Speaker 4 or 8 impedance

## Recording

Up to 6 tracks may be recorded with a limit on the total duration of 4 minutes. All tracks must be recorded within the same session- it is not possible to eg change track 2 as a single action. All tracks, including the new track 2 must be recorded.

Set the Control jumper to L (local)

Set the Mode jumper to R (record)- the red led will begin to flash.

Connect a suitable audio source to the line input socket. Do not overload the input as this may cause audio distortion.

Short and keep shorted, any of the pin pairs 1 through 6 to record audio. The red led will light continuously to indicate recording. Release the pin pair to pause recording (red led flashes).

Select the next audio source to be recorded and again short and keep shorted a pin pair to record that track.

Repeat until all the required tracks are recorded.

If the limit of 4 minutes is exceeded, the red led will flash with the pin-pair shorted.

**Set the Mode jumper to P(playback) to quit recording mode. This must be done to store the number of messages recorded for either Sequential or Random playback modes.**

## Playback

### Local- using the on-board pin pairs

#### Normal Mode

Ensure the Control jumper is set to L (local).

Ensure that pin pairs 1 through 6 are not shorted together.

Connect power to the module - it is now in Normal playback mode.

Ensure the Mode jumper is set to P (playback)- the green led will flash.

Short pin-pair 1 to play track 1.

Playback will continue until the end of track 1 or until the mode jumper is briefly reset to R (record).

At the end of track 1, select another pin-pair to play that particular track.

#### Sequential Mode

With power disconnected, place a jumper over pin-pair 6.

Re-connect power: the module is now in Sequential playback mode.

Shorting pin-pair 1 will play message 1. Further shorting of pin pair 1 will play the next message in the sequence they were recorded. The module will return to the first message after the last message.

#### Random Mode

With power disconnected, place a jumper over pin pair 5

Re-connect power- the module is now in Random playback mode.

Short pin pair 1 to playback one of the recorded messages in a random order.

# Helpline 0844 3571410