

Message Sound Record and Play Electronic Boards

AS3189KT - 120 Second Message Recorder Board (ISD17120)

<https://quasarelectronics.co.uk/Item/3189-120-second-message-recorder-isd17120>

Product Formats Available: Pre-Assembled Module (AS) or
Self-Assembly Electronic Kit (Soldering Required)

Feature packed non-volatile 120 second multi-message sound recorder module using a high quality ISD17120 byWinbond. Standalone operation using just six onboard buttons or the onboard SPI interface. Record using built-in microphone or external line in (best results). Speaker and analogue AUX outputs. Wide 8-24 V dc operating voltage. Adjustable sampling frequency.

These chips are designed for operation in either standalone or or [SPI](#) (microcontroller) mode. This kit provides interfaces for both.

Onboard buttons for RECORD, PLAY, VOLUME, ERASE, FORWARD, RESET and slide switch for LINE/MIC input selection. Solder pads allow easy connection of your own external volt-free control buttons for RECORD, PLAY, VOLUME, ERASE and FORWARD.

Multiple Recorded Message Operation:

- Press and holding Play button down plays all recorded messages in a sequential loop until Play is released
- Pressing Play during playback stops playback
- Forwarding to a different message will override the currently playing message

Single Recorded Message Operation:

- Press and holding the Play button down plays the message on a loop until Play is released (there is a 1 second pause after each loop)
- Pressing Play during playback stops playback
- Pressing Forwarding restarts playback from beginning

The sampling frequency of each chip can also be adjusted from 4 kHz to 12 kHz (240 - 80 seconds) with an external resistor, giving greater flexibility in duration versus recording quality.

Recordings are stored in on-chip Flash memory, providing non-volatile storage when power is removed. The audio data is stored directly without digital compression, which provides better quality voice and music reproduction. About 100,000 record cycles can be performed. See ISD1700 series datasheet timing diagrams for specific details.

Specifications

Cebek C-9701 (C9701) - Digital Recording Player Module (20sec max)

CEBEK C-9701 Electronic Module (Pre-Assembled)

Cebek C-9701 module is a 20 second digital voice recorder. It can store recordings on the single solid state chip without the need for software or a microprocessor. It uses non-volatile flash memory so requires no battery backup to retain the recording. The C-9701 module provides recording and playback of high quality messages of up to 20 seconds.

It has an integral LED recording indicator, microphone, and two buttons to control playback and recording.

Specifications

Item Number:

Cebek C-9701 (C9701)

Total Price:

£7.20 Exc VAT, £8.64 Inc VAT

Stock Info:

In Stock (Our UK Warehouse)

Your Total:

£7.20 Exc VAT, £8.64 Inc VAT

Velleman MK195 - Voice Recorder/Playback Electronic Kit

£13.65 Exc VAT, £16.38 Inc VAT

In Stock (Our UK Warehouse)

Cebek TR-4 (CTR004) - 1 Message, 16 Second Message Recorder, 5W RMS

£25.94 Exc VAT, £31.13 Inc VAT

In Stock (Our UK Warehouse)

Cebek C-9702 (C9702) - Message Recorder / Player Module (20sec max)

£8.18 Exc VAT, £9.82 Inc VAT

In Stock (Our UK Warehouse)

Cebek C-9703 (C9703) - Player Recorder with Light Sensor Module (20sec max)

£7.60 Exc VAT, £9.12 Inc VAT

In Stock (Our UK Warehouse)