Search

[   ] Go

20 second voice recorder/playback module (A93010/A96010)

Click here for A96010 Data Sheet

Click here for A93010 Data Sheet

NOTE: This unit will power a 1 watt speaker as is. You do not need to add an external amplifier. However, you can add an external amplifier if you want - as long as you follow the instructions below.

Use this schematic to add a potentiometer when using an additional external amplifier:

Out
Voice module

to input power amp

Potentiometer 100ohm to 1K
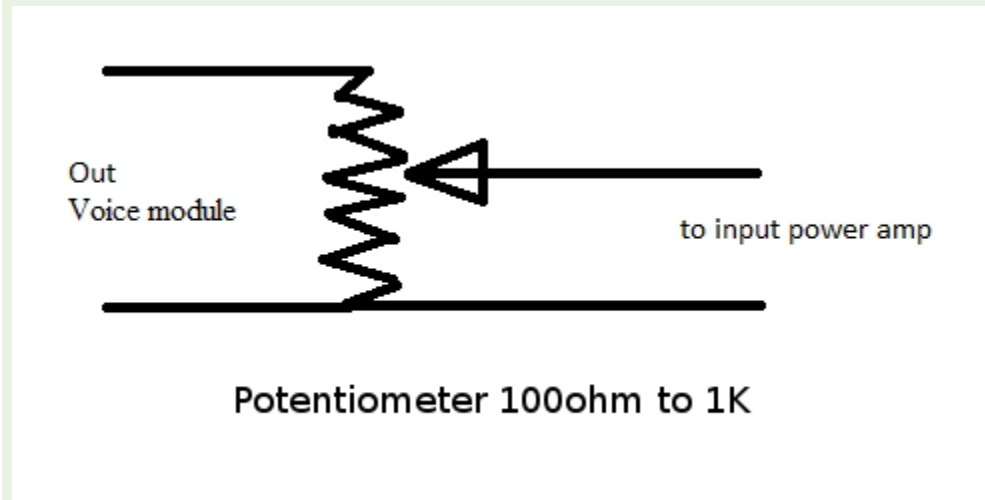
When using an external amplifier, you'll need a potentiometer (recommended part# HB165) to decrease the high output signal from the A96010 enough to get a clear sound.

Click here to see our amplifiers.
(MD930100)
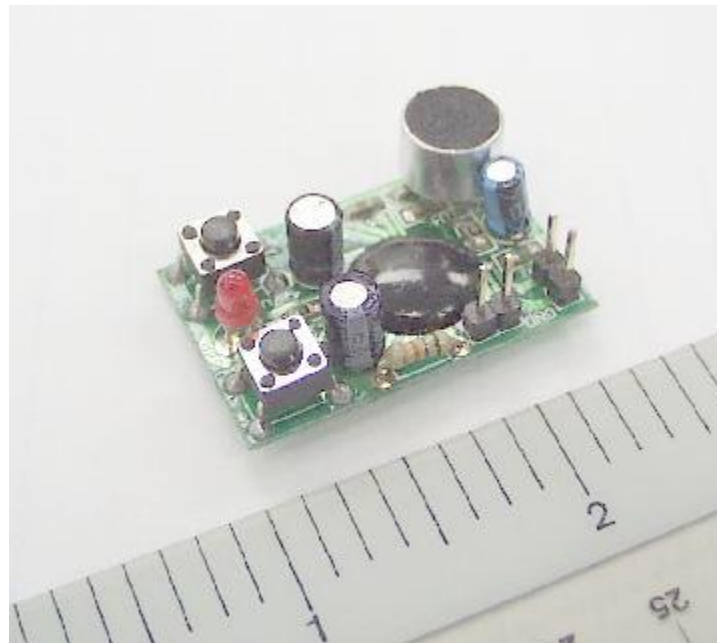
PLEASE NOTE: This module, part# A96010, could actually be either an A96010 or an A93010 depending on what is in stock at the time. Both are virtually identical and operate the same, but downloadable datasheets are available for each for comparison if necessary. The small size is because the IC is in Chip-on-board form. One button is pushed down to record the message through the on-board electret microphone; A LED turns on during this time. The other button just has to be momentarily pressed to replay the message. A second momentary press during playback will stop the playback. Sampling rate is 4K. All you have to add is the speaker (not included) and 5V DC power (not included). We also have an A96010-kit which in addition to the A96010 also includes a speaker and two cable connectors to connect the unit to a power supply (not included) and the speaker. The

record/play time is determined by the 52K resistor. If you change it to 89K you will get 30 seconds but at a reduced sampling rate. Operating

current 25mA. Standby current 10 uA.
Size: 34 x 23 x 11 mm. The module
comes supplied as you see it in the
photo.

OPTIONAL ITEMS (Not included):
2 x (BB089) connector cable to
connect the voice recorder to a
speaker and power source.
1 x (PB244) Speaker
1 x Battery holder that can hold either
4 x AAA or 4 x AA or 4 x C or 4 x D
cells. See our battery holders.

(A96010 & A93010)

Quantity	Price
1 – 9	$6.60
10 – 99	$5.95
100 – 999	$4.95
1000 +	$3.95

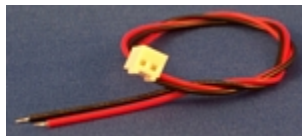|	
Skill Level of Item:	(Assembled and Tested)
Product #	A96010

Quantity Available: 268

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Tell a Friend

Related Items are

2pin connector cable (8 inch)

2pin connector cable (8 inch)

Quantity	Price
1 – 9	$0.33
10 – 99	$0.29
100 +	$0.24

Skill Level of Item:	(Component or Part)
Product #	BB089

Quantity Available: 275

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40mm (1.6in) metal housing mylar speaker 0.25W

40mm (1.6in) metal housing mylar speaker 0.25W
Specifications:
- 0.25W
- 40mm (1.57in)

- 16 Ohm
- RoHS Compliant
- Includes 5 inch wires already soldered to contacts of the speaker.

Quantity	Price
1 – 9	$0.61
10 – 99	$0.51
100 – 999	$0.46
1000 +	$0.39

Skill Level of Item: (Component or Part)

Product #   PB240

Quantity Available: 1208

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Speaker Round 3 inch 8 ohm 1 watt

Diameter: 76mm (3 inch)
1 Watt
8 Ohm

Quantity	Price
1 – 9	$3.99
10 – 99	$3.78
100 – 999	$3.47
1000 +	$3.19

Skill Level of Item: (Component or Part)

Product #   PB244

Quantity Available: 83

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A96010 kit (A96010 with wires and speaker included)

PLEASE NOTE: This module, part# A96010, could actually be either an A96010 or an A93010 depending on what is in stock at the time. Both are virtually identical and operate the same, but downloadable datasheets are available for each for comparison if necessary. The small size is because the IC is in Chip-on-board form. One button is pushed down to record the message through the on-board electret microphone; A LED turns on during this time. The other button just has to be momentarily pressed to replay the message. A second momentary press during playback will stop the playback. Sampling rate is 4K. All you have to add 5V DC power (not included). The record/play time is determined by the 52K resistor. If you change it to 89K you will get 30 seconds but at a reduced sampling rate. Operating current 25mA. Standby current 10 uA. Size: 34 x 23 x 11 mm. The
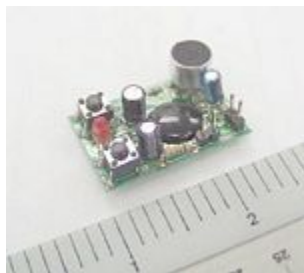
module comes supplied as you see it in the photo.

This is a kit which include the following items:
1 x A96010 voice recording module (20 second message)
2 x Connector cable to connect the voice recorder to a speaker and power source.
1 x 1watt 3inch 8ohm Speaker
(you will need to connect the connector cables to the speaker and a power supply preferably by soldering)

Not included:
1 x Battery holder that can hold either 4 x AAA or 4 x AA or 4 x C or 4 x D cells. See our battery holders.

Quantity	Price
1 – 9	$9.12
10 – 99	$8.64
100 +	$7.92

Skill Level of Item: (Partially Assembled)

Product #   A96010-kit

Quantity Available: 83

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Voice Recording Module 2 x 20sec sections

The A96020 voice recording module offers true single chip solid state storage capability and requires no software or micro-controller support. It provides high quality recording and playback with dual 20 second message. Sampling rate is 3.2K. Size: 34 x 23 x 11 mm. All you need to do is add a speaker (not included) and 5V DC Power (not included). Features - Non volatile flash memory technology - No battery back up required - User friendly, easy to operate - Slide switch for record or play back - Separate key to trigger message 1 or 2 - Low power consumption - LED to indicate recording and playback - Built-in condenser mic - Automatic power down - 5-6V Operation.

OPTIONAL ITEMS (Not included):
2 x (BB089) connector cable to connect the voice recorder to a speaker and power source.
1 x (PB244) Speaker
1 x Battery holder that can hold either 4 x AAA or 4 x AA or 4 x C or 4 x D cells. See our battery holders.
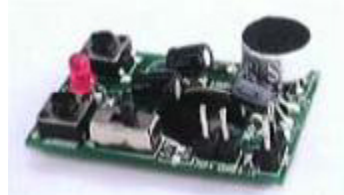
(A96020)

Quantity	Price
1 – 9	$8.89
10 – 99	$8.42
100 – 999	$7.72
1000 +	$4.95

Skill Level of Item: (Assembled and Tested)

Product #   A96020

Quantity Available: 161

| 1 | (Add to Shopping Cart)

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A96020 kit (A96020 with wires and speaker included)

The A96020 voice recording module offers true single chip solid state storage capability and requires no software or micro-controller support. It provides high quality recording and playback with dual 20 second message. Sampling rate is 3.2K. Size: 34 x 23 x 11 mm. All you need to do is add a 5V DC Power supply (not included).

Features
- Non volatile flash memory technology
- No battery back up required
- User friendly, easy to operate
- Slide switch for record or play back
- Separate key to trigger message 1 or 2
- Low power consumption
- LED to indicate recording and playback
- Built-in condenser mic
- Automatic power down
- 5-6V Operation.

This is a kit which include the following items:
1 x A96020 voice recording module with 2 x 20 second messages
2 x Connector cable to connect the voice recorder to a speaker and power source.
1 x 1watt 3inch 8ohm Speaker
(you will need to connect the connector cables to the speaker and a power supply preferably by soldering)

Not Included:

1 x Battery holder that can hold either 4 x AAA or 4 x AA or 4 x C or 4 x D cells. See our battery holders.

Quantity	Price
1 – 9	$12.08
10 – 99	$11.45
100 +	$10.49

Skill Level of Item: (Partially Assembled)

Product #   A96020-kit

Quantity Available: 83

| 1 | (Add to Shopping Cart)

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45mm   27mm   Slide switch
Record / Off / Play
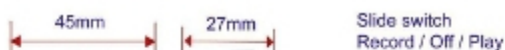
10 Sec Recording Module in white case with 3 section slide switch

Ideal for plush toy, or any kind of talking toys. Message retained when batteries are removed. Built-in microphone and LED recording indicator. Message is retained when batteries are removed. 40mm (1.6") Mylar speaker
Sound output of more than 85dB at 10cm (3.9") distance (surrounding at 60dB).

Operation:
Record: Slide the switch to the "REC" position. Press and hold the top of the housing. While the LED recording indicator is on, speak into the built-in microphone about 8-10 cm away with a normal speaking voice. Release the top to end recording. (Recording automatically stops when memory is full.)
Play: Slide the switch to the "PLAY" position, and press the top of the housing to play.

3 x AG13 (LR44) batteries (included)
Size: 45mm (1.8") (diam.) x 27mm (1.1") (height)
Weight: 26 g / 0.9 oz (battery included)

Quantity	Price
1 – 9	$3.96
10 – 99	$3.76
100 – 999	$3.46
1000 +	$3.11

Skill Level of Item: (Assembled and Tested)

Product #   BRM06N

Quantity Available: 2378

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50 second USB recording module

This module plugs directly into the USB port of your PC. Then use the free software to record up to 50 seconds of mp3 or wav file to this module. Comes with batteries and speaker ready for use.

Features
Up to 50 seconds of re-recordable voice message (8K sample rate)
Use USB type-A male connector for direct plug into USB port of PC (USB1.1)
Easy to transfer software for windows of MP3 or WAV audio file.
Choice of 8K or 12K sample rate.
50 seconds non-volatile recordable IC.
Operating Voltage 4.5V (3 x AG10 batteries included)
Operating Current < 50 mA
Standby Current < 5 uA
Push switch for playback / stop
Speaker 40mm metal housing mylar speaker (included)

Dimensions:
Main board: Excluding USB connector: 1.7" x 1.13"
                      Including USB connector: 2.25" x 1.13"
Battery board: 2.25" x 0.8"

speaker: 1.6" (diameter)

This unit will directly plug into the USB port of your computer. A USB cable is NOT required. However if you do want to plug the unit into a extension USB cable first, you can order our A-male to A-female USB extension cable product number BB147.

Quantity	Price
1 – 9	$11.95
10 – 99	$10.50
100 – 999	$9.71
1000 +	$8.95

Skill Level of Item: (Assembled and Tested)

Product #   USB2M

Quantity Available: 864

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Recording Module 20 second - card type

20 second card type recording unit. This module can be pasted (self-adhesive backing) into birthday cards, Christmas cards etc. When the card is opened your message will be played. You can record your own custom 20 second message with the built in microphone. The module is pre wired with a speaker and battery. All that is left for you to do is to record a message, past the module in your card and remove the little plastic tubing from the metal strip that protects the battery from running

down when shipped from the factory.
Product Information
Description 20 second recording card module
Size Length : 105mm, Width : 65mm, Height: 6.4mm (4.1"x 2.6" x 0.25")
Accessories Battery Insulator, Battery G10 3pcs, Speaker 40mm (1.6")
Function Record & Play back
Operation Record : Press switch. Play back : Open the card.
Length of record 20 seconds
RoHS compliant: YES

Quantity	Price
1 – 9	$5.95
10 – 99	$5.85
100 – 999	$5.75
1000 +	$4.99

Skill Level of Item: (Assembled and Tested)

Product #   CT94R

Quantity Available: 608

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40 second Non-volatile multi message recorder kit

Non-volatile multi message recorder using ISD chips. Just change one resistor for longer duration. Standalone operation using just six onboard bottons. Record via built-in microphone or external line in. Speaker and line out connector. SPI interface. SPI mode allows full control of the chip via the serial interface. This includes random access to any location inside the memory array by specifying the start and end address. SPI mode also allows access to an internal register for configuration of audio paths, inputs, outputs and mixing.
8-24 VDC. PCB Dimensions: 2.75" x 2"
Please note: Speaker not included.

Quantity	Price
1 – 9	$36.82
10 – 99	$34.20
100 +	$33.06

Skill Level of Item: (Kit - Basic Soldering Required)

Product #   CPS188

Quantity Available: 6

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120 second Non-volatile multi message recorder kit

Non-volatile multi message recorder using ISD chips. Just change one resistor for longer duration. Standalone operation using just six onboard bottons. Record via built-in microphone or external line in. Speaker and line out connector. SPI interface. SPI mode allows full control of the chip via the serial interface. This includes random access to any location inside the memory array by specifying the start and end address. SPI mode also allows access to an internal register for configuration of audio paths, inputs, outputs and mixing.
8-24 VDC. PCB Dimensions: 2.75" x 2"

Please note: Speaker not included.

Quantity	Price
1 – 9	$39.24
10 – 99	$36.45
100 +	$35.24

Skill Level of Item: (Kit - Basic Soldering Required)

Product #   CPS189

Quantity Available: 9

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You might also consider these items:
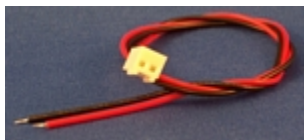
2pin connector cable (8 inch)

2pin connector cable (8 inch)

Quantity	Price
1 – 9	$0.33
10 – 99	$0.29
100 +	$0.24

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KC7783R PIR Detector Module (Low cost version) (Assem and tested)

Mechanical and electrical specs is the same as the KC7783 except for a lower cost IC (KC778B IC) package used in this KC7783R RoHS compliant: YES. (BB054)

Quantity	Price
1 – 9	$8.98
10 – 99	$7.45
100 – 999	$6.75
1000 – 9999	$5.75
10000 +	$4.95

Skill Level of Item:	(Component or Part)
Product #	BB054

Quantity Available: 630

[1]   (Add to Shopping Cart)

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Toy motor kit

Construct a working DC Motor. This clever kit has been delighting children for decades. All parts provided, including: 2 coils of copper wire; base; field pole; armature core; brushes; all fasteners. Instruction booklet with theory and experiments included.
Operates on 3 to 6 volt batteries (not included). (CPN135S)

Quantity	Price
1 – 9	$8.47
10 – 99	$8.03
100 +	$7.36

Skill Level of Item:	(Kit - No Soldering Required)
Product #	CPN135S

Quantity Available: 93

Quantity Available: 93

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KC7786 PIR sensor module 12v (3pin .1in)

This is a fully assembled and tested miniature PIR module (KC7786 with KC778B COB IC) with only 3 connections: Power, Ground & Output (3 pin terminal of standard 0.1 inch pitch). Rated for 12VDC input power. Uses RE200B PIR sensor. Output is an active high pulse of approx. 0.5 seconds and remains active as long as there is motion. Range up to 10 feet. PCB size: 27mm x 27mm (BB043)

Quantity	Price
1 – 9	$11.35
10 – 99	$9.95
100 – 999	$8.95
1000 – 9999	$8.15
10000 +	$7.45

Skill Level of Item: (Component or Part)

Product #   BB043

Quantity Available: 200

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RE200B-P Pyroelectric Infrared Sensor

(BB083)

Quantity	Price
1 – 9	$1.76
10 – 99	$1.65
100 – 999	$1.45
1000 +	$1.35

Skill Level of Item: (Component or Part)

Product #   BB083

Quantity Available: 200

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Fresnel lens only (for KC7786)

(BB052) Fresnel Lens ONLY.

Quantity	Price
1 – 9	$0.81
10 – 99	$0.65
100 – 999	$0.55
1000 +	$0.47

Skill Level of Item: (Component or Part)

Product #   BB052

Quantity Available: 125

[1]   (Add to Shopping Cart)

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C-Cam2AX cmos Camera Module, B/W, EIA

16mm square (0.63" square) by 15mm (0.59")
high. 5V, low cost, low power and very small! Only
5 pins need to be connected. Power Supply, 5V +/-
0.5V. Voltage regulated circuit essential. Sensor
used: OV5116
(BB004)

Quantity	Price
1 – 9	$18.48
10 – 99	$17.95
100 – 999	$16.95
1000 +	$15.95

Skill Level of Item: (Assembled and Tested)

Product #   BB004

Quantity Available: 27

[1]   (Add to Shopping Cart)

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KC778B Pir Controller Chip PDIP

Closeout item. Limited Qty available.

(When the last of this PDIP version is sold we will
still be carrying the surface mounted version (SOP)
please see item # BB055 in this regard.)

Price: $3.75

Skill Level of Item: (Component or Part)

Product #   BB053

Quantity Available: 5

[1]   (Add to Shopping Cart)

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18W BTL Audio Power Amplifier

This kit contains the essential components to build
a low voltage, high power mono 18W Bridge Tied
Load (BTL) amplifier module using the Hitachi
HA13118. The circuit is straight out of the data
sheet. Only a few external passive components
are required to make the module. The IC contains
surge protection circuits and thermal shutdown
circuits. The speaker and cables are not included.

circuits. The speaker and cables are not included. (CPS105)

Quantity	Price
1 – 9	$20.52
10 – 99	$19.44
100 +	$17.82

Skill Level of Item:　(Kit - Basic Soldering Required)

Product #　CPS105

Quantity Available:　8

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