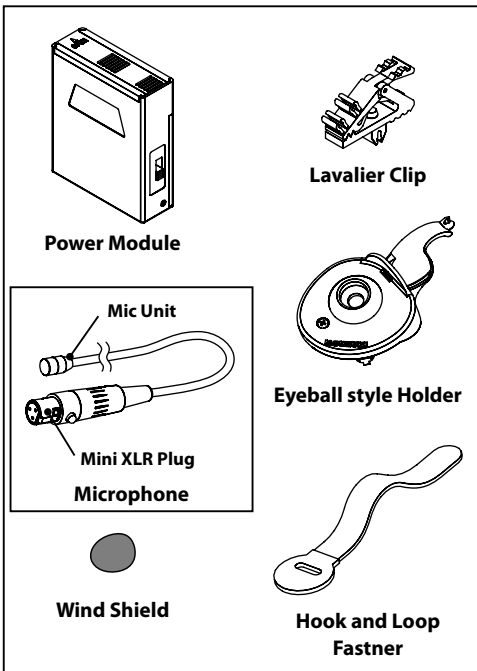


M.SUZUKI HMH-100

Harmonica Microphone Kit

Owner's Manual

COMPONENTS



SAFETY INSTRUCTIONS

◆ Microphone, Power Module



- ◆ Do not disassemble or modify.
- ◆ Do not drop or knock the unit.
- ◆ Do not expose to moisture or touch with wet hands.
It may cause injury or malfunction.
- ◆ Never use or store the unit in places that are:
Subject to extreme temperatures (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment)
- ◆ If you experience problems or malfunction
Refer to 'Troubleshooting'. If problem persists, turn the power off and consult the purchased store or dealer.
- ◆ How to care
Wipe this equipment with a dry cloth. Do not use alcohol, thinners, or benzene.

◆ Battery



- ◆ In case of battery leakage do not allow the liquid to touch your skin.
If the battery liquid gets into your eye, wash with clear water immediately and seek medical attention.
- ◆ Do not touch battery liquid with bare hands.



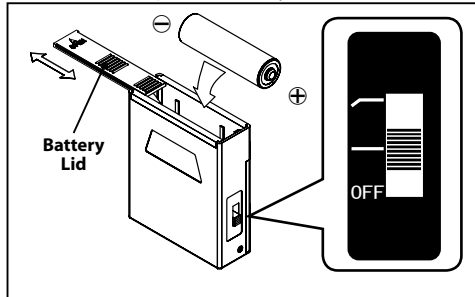
- ◆ Do not allow children to play with the microphone.
- ◆ Do not expose to fire, heat, disassemble, or modify.
- ◆ Do not reverse the battery polarity.
- ◆ Do not charge dry cell batteries.



- ◆ Switch off when not in use.
Failing to turn off the unit may cause battery leakage due to exhaustion.
- ◆ Remove the battery as soon as it becomes exhausted.
- ◆ Remove the battery when not in use.
- ◆ Dispose of old batteries safely and legally.

HOW TO USE

◆ Installing a Battery

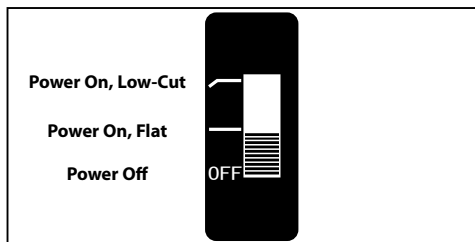


Open the battery lid located on the power module. Insert the dry cell battery (AA / R6P: available separately) observing polarity (+/-). Close the battery lid.

Do not use rechargeable batteries. They do not perform well due to insufficient voltage.

Set the power module switch to " — ".

Set the switch to the "OFF" position when the performance ends.

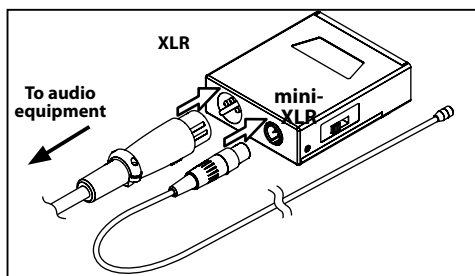


◆ Using with phantom power

The battery is not required if your audio equipment has a phantom power supply.

When a Phantom Power supply is connected, the unit is ON regardless of the Power Switch position.

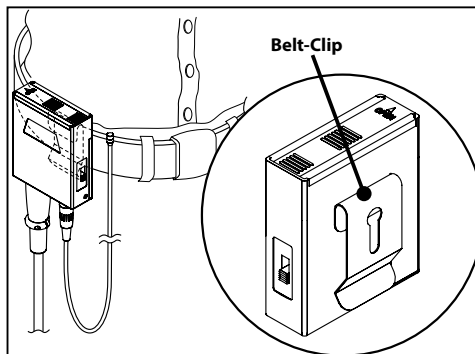
◆ Hook-Up



Connect the microphone to the "mini-XLR" jack on the power module and suitable microphone cable (XLR type: available separately) into the standard "XLR" jack.

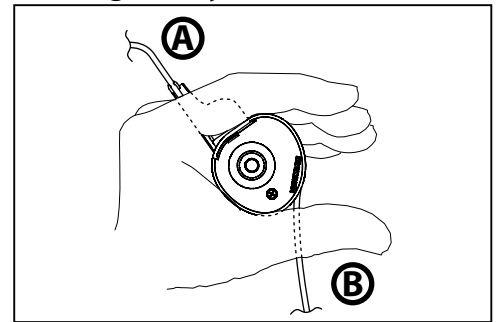
Both plugs have a lock function. Press the button to unlock and remove the cable.

◆ Attach the Power Module

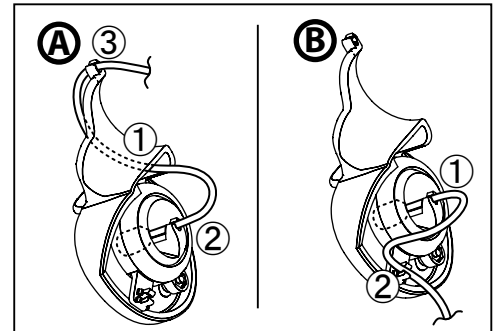


Attach the power module using included belt-clip onto a belt or other suitable location on your clothing. Use a pocket if clothing does not have a belt.

◆ Using the "Eyeball" holder



The HMH-100 is most effective when used with the "Eyeball" holder due to the close proximity of the microphone to the Harmonica.



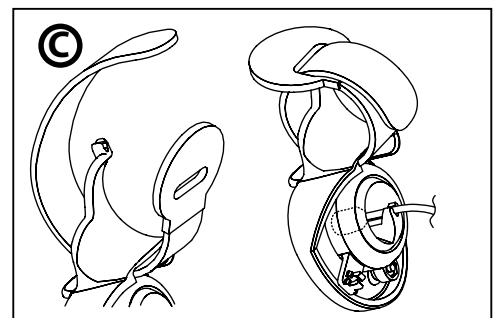
A Bring the cable to the back of the hand

Using the "Eyeball" holder in this way will obtain good playability. It is advantageous to pass through the sleeve. See illustration above.

B Bring the cable to the front of the hand

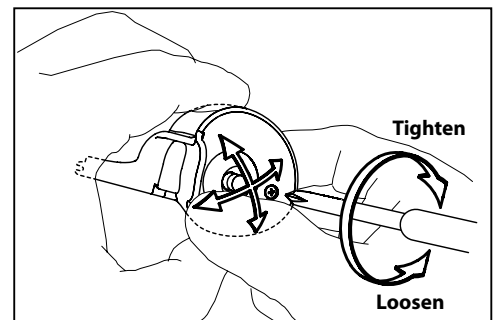
Alternatively you may pass the cable in front of your hand. Refer to the illustration above.

Ensure the cable is handled gently, do not pull or bend the cable.



C With the hook and loop fastener

The "Eyeball" holder can be used with the included hook and loop fastener thus avoiding accidental dropping of the microphone because the hook and loop fastener is attached to the operators finger.



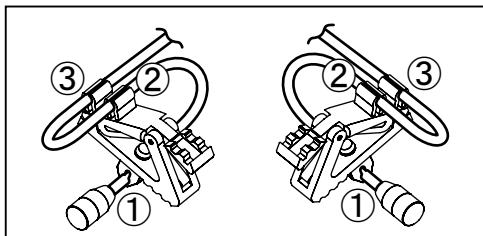
Changing 'direction'

The "Eyeball" holder can switch 'direction' depending on your playing style.

To alter the direction, use a Phillips #1 screwdriver and loosen the screw. Change direction of the holder and tighten the screw to secure.

◆ Using lavalier clip

Ⓐ Attach to clothing

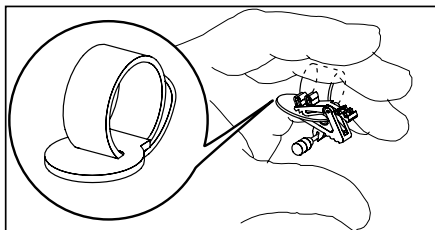


It is possible to attach the microphone onto a lapel or neck-tie. However, loudness is slightly less than when used with the "Eyeball" holder.

Attach the microphone to the lavalier clip arranging the cable as shown in the illustration above.

Ensure the cable is handled gently, do not pull or bend the cable.

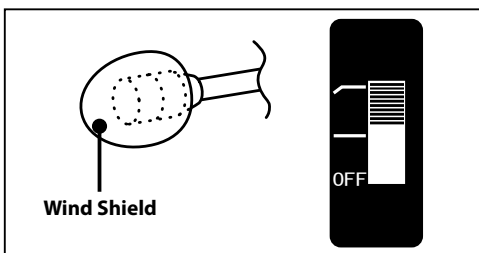
Ⓑ With the hook and loop fastener



The lavalier clip can also be used with the hook and loop fastener attached to your finger as shown in the above illustration. This avoids accidental dropping of the microphone when the hand is opened.

This is effective due to the close proximity of the microphone to your harmonica.

◆ Reduce wind noise



We recommend using the included wind shield (pop filter) with your HMH-100 microphone to reduce wind noise. It is also possible to reduce wind noise by setting the switch to the " / " position which cuts low frequency.

TROUBLE SHOOTING

The sound is quiet or distorted.

The battery has exhausted. Install new battery.

A part has broken.

We sell consumable parts separately. Please consult your dealer or store.

SPECIFICATIONS

Type.....	Back Electret Condenser Microphone
Polar Pattern	Omni-directional
Frequency Range.....	50 to 18,000 Hz
Output Impedance...	250 Ω
Sensitivity.....	-49 dB ±3 dB (battery), -47 dB ±3 dB (phantom) (0 dB = 1 V/Pa, 1 kHz)
Power Supply	Dry Cell Battery (AA / R6P), Phantom Power DC 9 to 52 V
Power Current.....	0.5 mA (microphone), 0.8 mA (power module)
Battery Life	about 1000 hours
Dimensions.....	ø5 x 8.4 mm (microphone), 76 x 64 x 29 mm (power module)
Cable Length.....	1.5 m
Weight	14 grams (microphone), 150 grams (power module without battery)
Output Jack	XLR (power module)

LIMITED WARRANTY

1. This product is warranted to be free from manufacturing defects for one (1) year from the original date of purchase.
2. If the product malfunctions during the warranty period, request repair and present the warranty card.
3. The repair is for a fee in these cases;
 - a. The malfunction is caused by injurious handling in transport after purchase.
 - b. The malfunction is due to misuse, or abuse.
 - c. The malfunction is due to disaster, for example; fire, earthquake, flood, and theft.
 - d. Travel expenses to the distant land.
 - e. The malfunction is due to unauthorized repair, modification, or abnormal voltage.
 - f. Replacement of consumable parts.
 - g. If warranty card does is not available, or the details (date, store name etc.) are blank.

❖ The warranty card does not limit your legal rights.

◆ To store:

The warranty card is to clarify the service and duty to the customer. Fill the purchase date, store name, address and phone number.

◆ Privacy policy

We use your personal information for transport and service. Personal information is administered closely in line with the privacy policy of Suzuki Musical Instrument Mfg. Co., Ltd., we do not share this information outside of our company or our associated companies.

Manufacturer:



SUZUKI MUSICAL INST. MFG. CO.,LTD.

2-25-12 Ryoke, Naka-ku,
Hamamatsu 430-0852
JAPAN

E-mail: suzukicorp@suzuki-music.co.jp
web site: <http://www.suzuki-music.co.jp/>

00457-50043 130419
3104-MH-190-A
Printed in Philippines