

PS-3/PS-6A

INSTRUCTION

Thank you very much for your purchase of model PS-3/PS-6A. Please read this instructions carefully and enjoy this unit for a long time.

Applicable Desktop Microphone:

With this unit, the "ADONIS" Desktop Microphone can use DC 13.8[V] as a power source instead of the UM-3 batteries.

The model PS-3 is for use of DC3[V] type and PS-6A is for DC 6v type microphones.

PS-3	AM-308, AM-508E, AM-708E, AM-DX1, AM-DX2 AM-603G(PS-3 but need to modify to have output voltage 6[V]DC)
PS-6A	AM-7500E

Specifications:

Input voltage Range	:DC 10[V] - DC 16[V] (Optimum voltage 13.8[V]DC)
Output voltage	:PS-3 . . . DC3[V]± 0.3[V] PS-6A . . . DC6[V]± 0.6[V]
Output Current	:100[mA]
Protection Circuit	:For Short-Circuit & for Reverse Polarity connection
OutPut Terminals	:OutPut Terminals for Battery Snap

Wiring and operation:

1. Please prepare the external power source with DC10[V] – 16[V] range.
When using the transceiver with external DC power source, the DC Power Supply unit can be used commonly as a Power source of microphone.
2. Remove the battery cover of the microphone and connect the battery snap provided with microphone to the PS-3/PS-6A. Then, fix the PS-3/PS-6A to the desktop microphone with screws. Please refer to the FIG.1[FIG.1-1, FIG.1-2, FIG.1-3].
3. Connect the Red and Black Cords of PS-3/PS-6A to the external power source. The Red cord should be connected to (+) and the black cord to (-)[FIG2.-1].
** Note: When using the power source commonly with transceiver, please be sure to connect the Red (+ side) wire only[FIG2.-2].
4. After wiring, check again the wiring and Polarity of the power source. Then, turn the Power switch of external power supply 'On' and also turn the power switch of the microphone 'On'. The LED of the microphone lights up.

Modification of Output voltage of PS-3 to 6[V]DC(For AM-603G Microphone) :

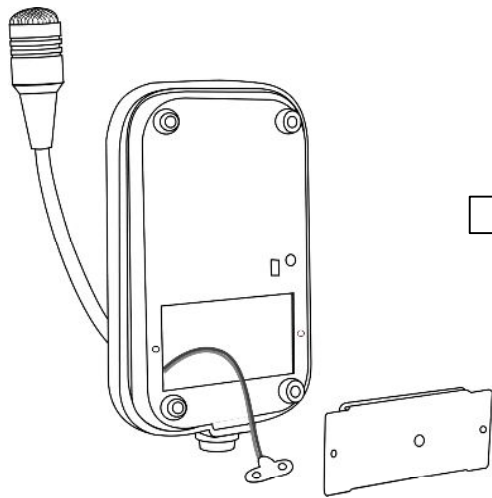
The battery cover size of AM-603G is same as that of PS-3 but the operating voltage of AM-603G is DC 6[V]. For this reason, the modification is required.

Please refer to the FIG.3 and make shorting the Pointed Part by soldering.

Cautions for operation:

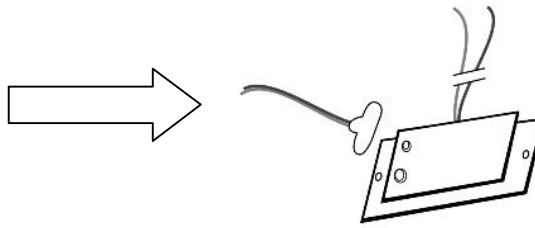
1. Please use the External Power Supply with low ripple. The Power supply with high ripple level may cause the Problem of the hum noise in the audio signal.
2. Please avoid the long extension of the Power cords of PS-3/PS-6A for the prevention of RF Feedback noise.

-----<FIG.1-1>-----



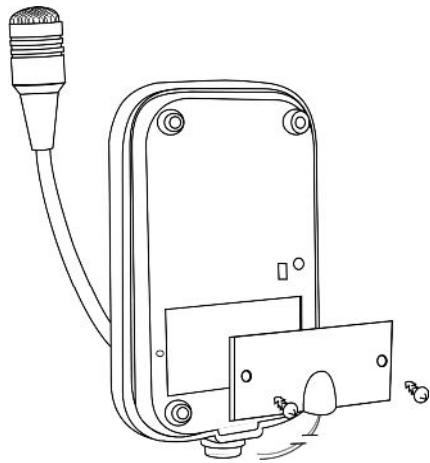
Remove the battery cover
(Remove the 2 screws)

-----<FIG.1-2>-----



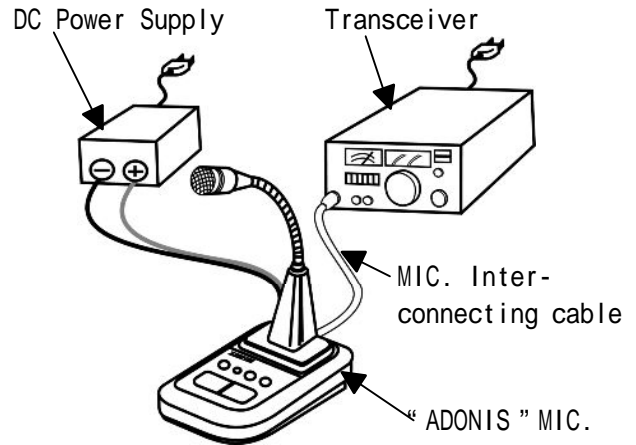
Connect the battery
Snap to the PS-3/PS-6

-----<FIG.1-3>-----



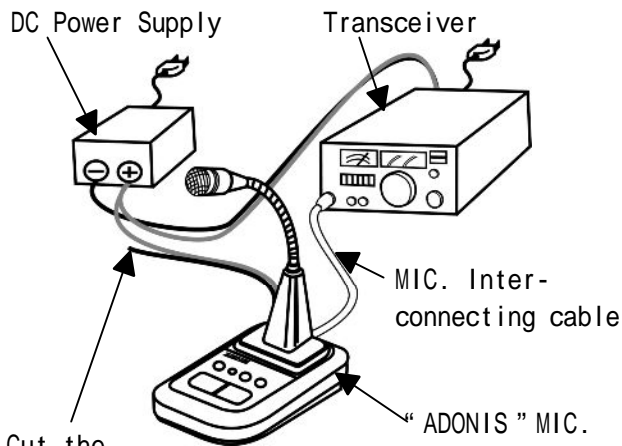
Fix the PS-3/PS-6 to the microphone
with screws

-----<FIG.2-1>-----



When using the separate power supply unit

-----<FIG.2-2>-----



Cut the
(-)cord so it does not touch to other part

When using the power supply commonly

-----<FIG.3>-----

