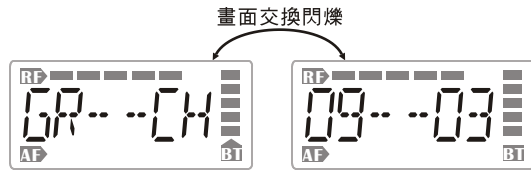


DIGITAL WIRELESS BODY PACK TRANSMITTER

(1) GR-CH: Displays Information of Group and Channel



如在5秒中都沒被操作，畫面將停止閃爍。

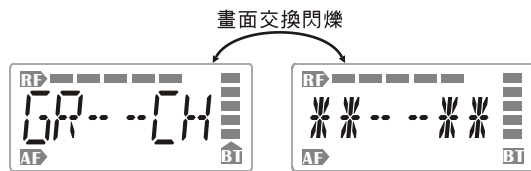
A. Operate via MODE Button



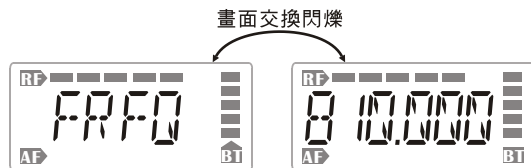
B. Operation Guide:

- Press "MODE" and stop on "GR-CH" function, the display showing current group and channel will be flashing. After 5 seconds, the display will stop flashing.
- "GR-CH" function is added to display group and channel information. Changing current group and channel must be done on the receiver.

****NOTE: When program a special frequency via monitoring software; LCD screen cannot display the number. This is because this special channel is not in the preset group and channel. Therefore, LCD panel will look like illustration below.**



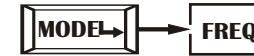
(2) FREQ: Displays Information of Transmitter Frequency



如在5秒中都沒被操作，畫面將停止閃爍，並停留在數字。此數字單位為"MHz"。

DIGITAL WIRELESS BODY PACK TRANSMITTER

A. Operate via MODE Button



B. Operation Guide:

- Press "MODE" and stop on "FREQ" function, the display showing current frequency will be flashing. After 5 seconds, the display will stop flashing.
- "FREQ" function is added to display frequency information. Changing current frequency must be done on the receiver.

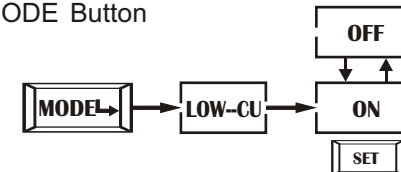
****NOTE: To modify transmitter's group, channel and frequency, all three must be set at the receiver and transmit the new setting to transmitter via ACT.**

(3) LOW-CU: Setup and Change of Low Frequency Cut Off



如在5秒中都沒被操作，畫面將停止閃爍。

A. Operate via MODE Button



B. Operation Guide:

- Press "MODE" and stop on "LOW-CU" function, the display showing current state will be flashing and is ready to be modified.
- Press "SET" button to change to "ON" or "OFF" as desired.

****NOTE: When the LOW-CU function is "ON", the frequency response below 100Hz will decrease about 4dB with a slope of -6dB/Octave.**

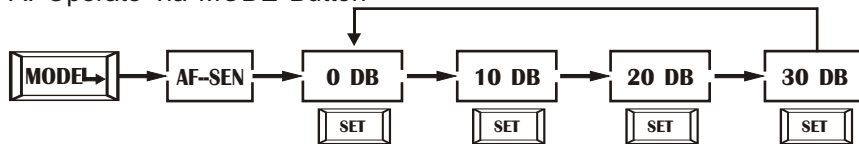
DIGITAL WIRELESS BODY PACK TRANSMITTER

(4) AF-SEN: Setup and Change of Input Sensitivity



如在5秒中都沒被操作，畫面將停止閃爍。

A. Operate via MODE Button



B. Operation Guide:

- Press "MODE" and stop on "AF-SEN" function, the display showing current state will be flashing and is ready to be modified.
- Every push of "SET" button, the dB value increases by 10dB to a maximum of 30dB.



**NOTE:

- The higher the gains are set, the lower the dynamic range for signal input. Meanwhile the danger of unwanted noises and feedback getting into the system would obviously rise.
- It is advisable to set the sensitivity level at 0dB when using electric guitar.
- When set at 0 dB, the maximum input level without causing distortion to the transmitter is 1 Vrms (0 dBv). Hence, please make sure the input signal does not exceed 1 Vrms. SPL for handheld microphone is 145dB.

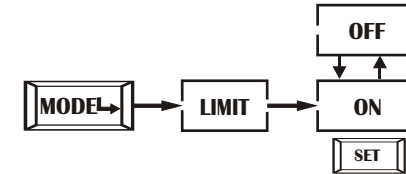
(5) LIMIT: Setup and Change of Input Limit



如在5秒中都沒被操作，畫面將停止閃爍。

DIGITAL WIRELESS BODY PACK TRANSMITTER

A. Operate via MODE Button



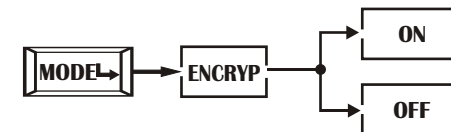
B. Operation Guide:

- Press "MODE" and stop on "LIMIT" function, the display showing current state will be flashing and is ready to be modified.
- Press "SET" to change the setting to "ON" or "OFF".

****NOTE: When the LIMIT is "ON", the maximum output of the receiver is limited to 1V.**

(6) ENCRYP: Displays Information of Encryption

A. Operate via MODE Button



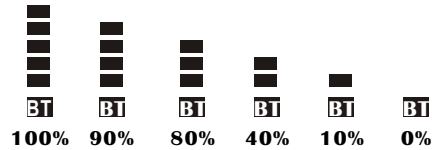
B. Operation Guide:

- Press "MODE" and stop on "ENCRYP" function, the display showing current state will be flashing.

****NOTE: "ENCRYP" function is added to display status information only. Changing of current status must be done from receiver via ACT.**

DIGITAL WIRELESS BODY PACK TRANSMITTER

7. BT: Displays Information of Battery Level



When the battery level drops down to 10%, please replace or recharge the battery. If the battery continues to be used at a very lower level, the LCD will display "PG-OFF" and then automatically switch off to avoid over-discharging the battery.

8. ERR: Error Code

If the LCD displays "ERR" after turning on the power, it indicates the operation is not correct. The error codes are as follows:

- ROM-ER → Transmitter does not have the initial data so the microphone is completely dead.
- ERROR1 → Failure on RF circuitry, frequency can not be programmed.
- NO---O3 → Frequency to be programmed into the transmitter exceeds its highest frequency of designated frequency band of the transmitter.
- NO---O4 → Frequency to be programmed into the transmitter exceeds its lowest frequency of designated frequency band of the transmitter.

****NOTE:**

NO---OR3 and NO---OR4 will not change transmitter's original frequency, and the transmitter still operates normally with error message on display.. To remove error message from display panel, please switch off the transmitter and switch it on again.

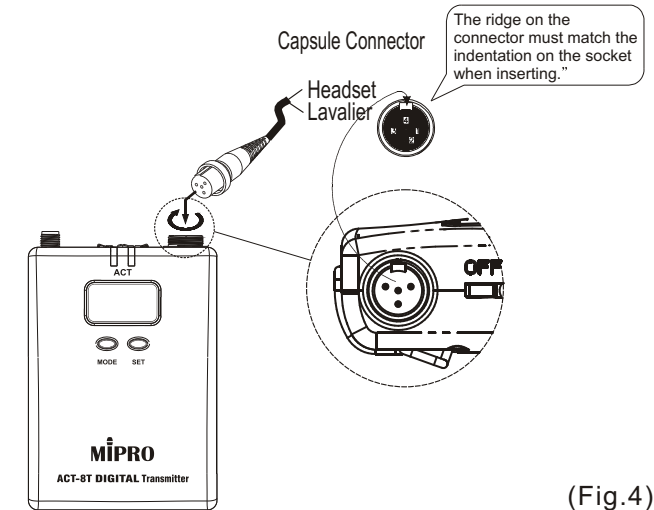
(9) PG-OFF: System Turning Off

When the power is turned off, the LCD displays "PG-OFF" indicating the system is at the state of shutting down and then automatically cuts the power off. The display panel has no further message afterward.

DIGITAL WIRELESS BODY PACK TRANSMITTER

4. Cautions

1. Adjust the gain knob to the appropriate level (The gain level needs to be set at 0dB level when using an electric guitar).
2. Plug the microphone connector into the AF input (1) and then secure the connector by turning it in a clockwise direction, as shown in Fig. 4.

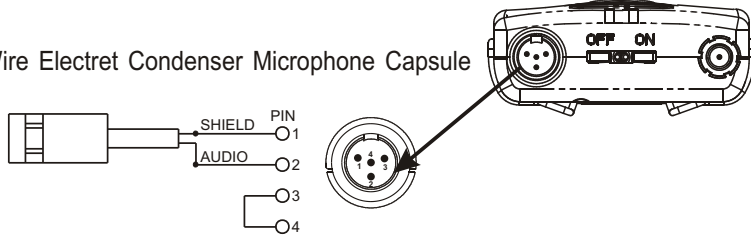


(Fig.4)

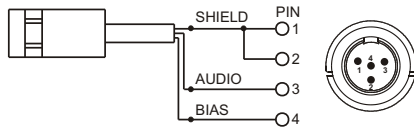
3. When the antenna has been removed, the body pack transmitter should remain "OFF" to prevention future deterioration of signal transmission.
4. If the transmitter is on without any microphone connected to the AF input socket, the system will clearly have noises of both high and low frequencies. They will do no harm to the system, but will be annoying to the listener, so it would be best to switch off the transmitter when disconnecting the microphone.

5. AF Input Connection Methods

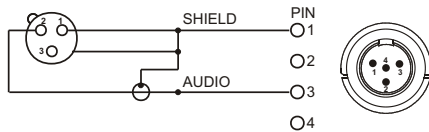
(1) 2-Wire Electret Condenser Microphone Capsule



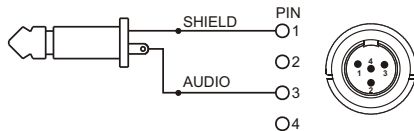
(2) 3-Wire Electret Condenser Microphone Capsule



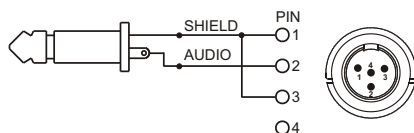
(3) Dynamic Microphone



(4) Electric Guitar



(5) Line-in (Impedance 8KΩ ATT. 10dB)

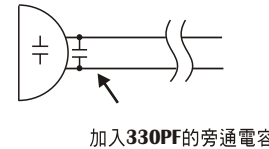


6. High Frequency Bypass

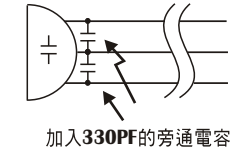
- When other microphones are in use, some changes may be needed to another microphone before adding it to the system in order to avoid high frequency interference, as illustrated in diagram (1).
- When a high frequency radio wave causes interference, it normally affects the system by generating a persistent noise or by deteriorating the frequency response. In an effort to ameliorate these problems, a 330PF bypass condenser can be added on the cartridge as shown in diagrams (1) and (2). If this method is not possible, another option is to add a bypass condenser on the 4-pin XLR connector as shown in diagrams (3) and (4).

**The Best Method

(1) 接2線式電容式音頭

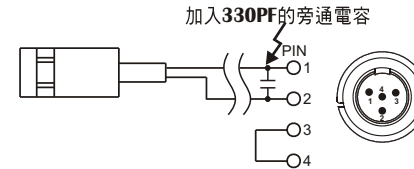


(2) 接3線式電容式音頭



**Alternate Method

(3) 接2線式電容式音頭



(4) 接3線式電容式音頭

