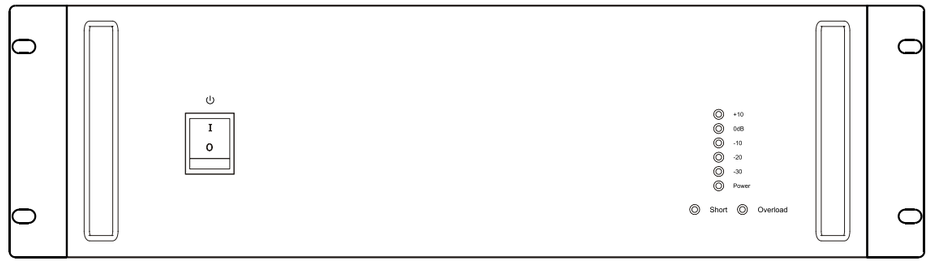
PA BOOSTER AMPLIFIER
USER INSTRUCTION



File Number: PM-0603-12/V1.1

Table of content

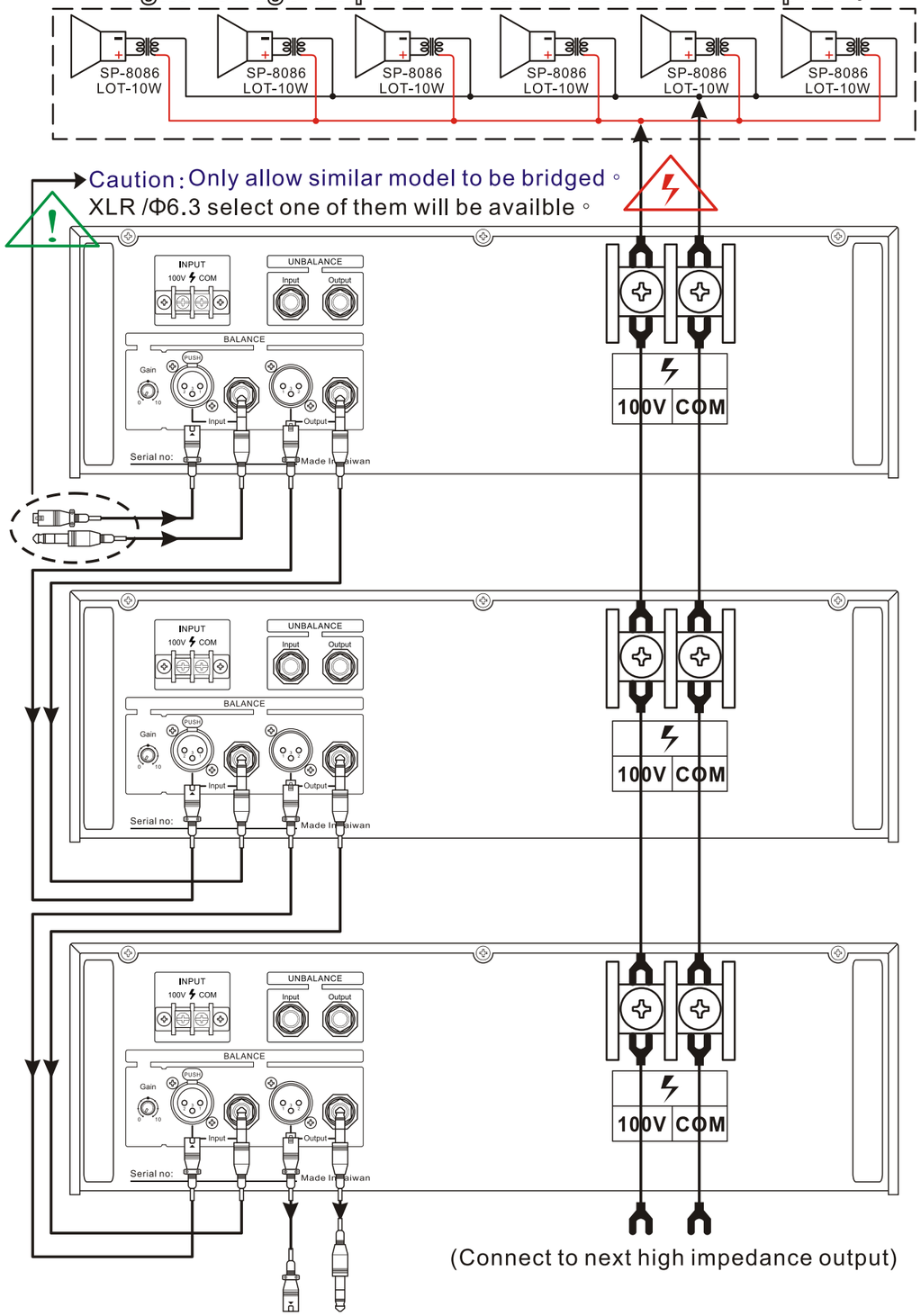
Safety preliminary instruction

1. Catalog- - - -

Balanced bridge description

ATTENTION FOR BRIDGE CONNECTION:
ONLY ALLOW SIMILAR MODEL TO BE BRIDGED。

Hight-voltage output terminal connection description:



Safety precaution

- ◈Please read the user instruction carefully before installing and using the product。
- ◈All point's specify on the instruction manual are including safty instruction, Therefore please read it carefully。
- ◈Please keep the user instruction properly after reading it。

☞ Important signs of indication

In order to let user operating this produce safely and accurately for avoiding improper use causing personal injary or property damage, Therefore the user instruction annotated various important signs and reguire your attention。

Warning　Caution　Dangerous Voltage

☞ Product installation

- ◈Please do not expose the product in moisture or getting wet by water can cause electric shock or fire。
- ◈Please do not use the power voltage over the product's indicate voltage for avoiding the risk of fire or burn out the product。
- ◈Please do not scrape, process or approach the power cable near the heating implement。Besides, do not place any heavy item above power cable for avoiding the risk of fire and electric shock。
- ◈Due to high impedance terminal having maximum 100V output can cause electric shock。 Therefore, after the connection of cable must place the protection cover properly。
- ◈The prodcuct is a high power amplifier will consume large power during the operation。
  Therefore the power device need to be connected directly to well power failure protection of power entry panel。
  Otherwise, it can cause risk of accidental discharge to the cable and causing fire。

Safety precaution

◈Please turn off the product power before connecting the wires under electrify condition can cause electric shock to burn down the device。

◈Only the gualified technician allow to connect and intall the product。

☞ Using the machine

◈If any below situation happen please turn off the product power, pull out the plug and contact local dealer for further arrangement。

✤ The device belching smoke, peculiar smell or give off strange sound。

✤ The internal device is invaded with water or foreign object。

✤ The device falls and causes damage on the outer housing。

✤ The power cable damage and causing wire pistil appear or break off。

✤ No sound even the power is turn on。

◈The internal amplifier contain high voltage components, once open the outer housing or modify the device can cause risk of electric shock or fire。

◈If it is necessary to proceed internal inspection, adjustment or repair please contact local dealer for further arrangement。

◈What if overturn any receptacle carelessly causing liguid flow into the device, please contact local dealer for further arrangement。

◈Please do not touch the power socket with wet hand can cause electric shock。

◈Please do not expose the device at locality of moisty, dusty and direct illumination by sunlight or approach heating implements contact to sooty or steam locality can cause risk of electric shock and fire。

☞ Operate the machine

◈Before turn on the power, please adjust the volume control located at rear panel to maximum availble for bridging application to several units。

◈Please clean up the internal device regularly。What if the internal device amass with dust for long time can cause fire。

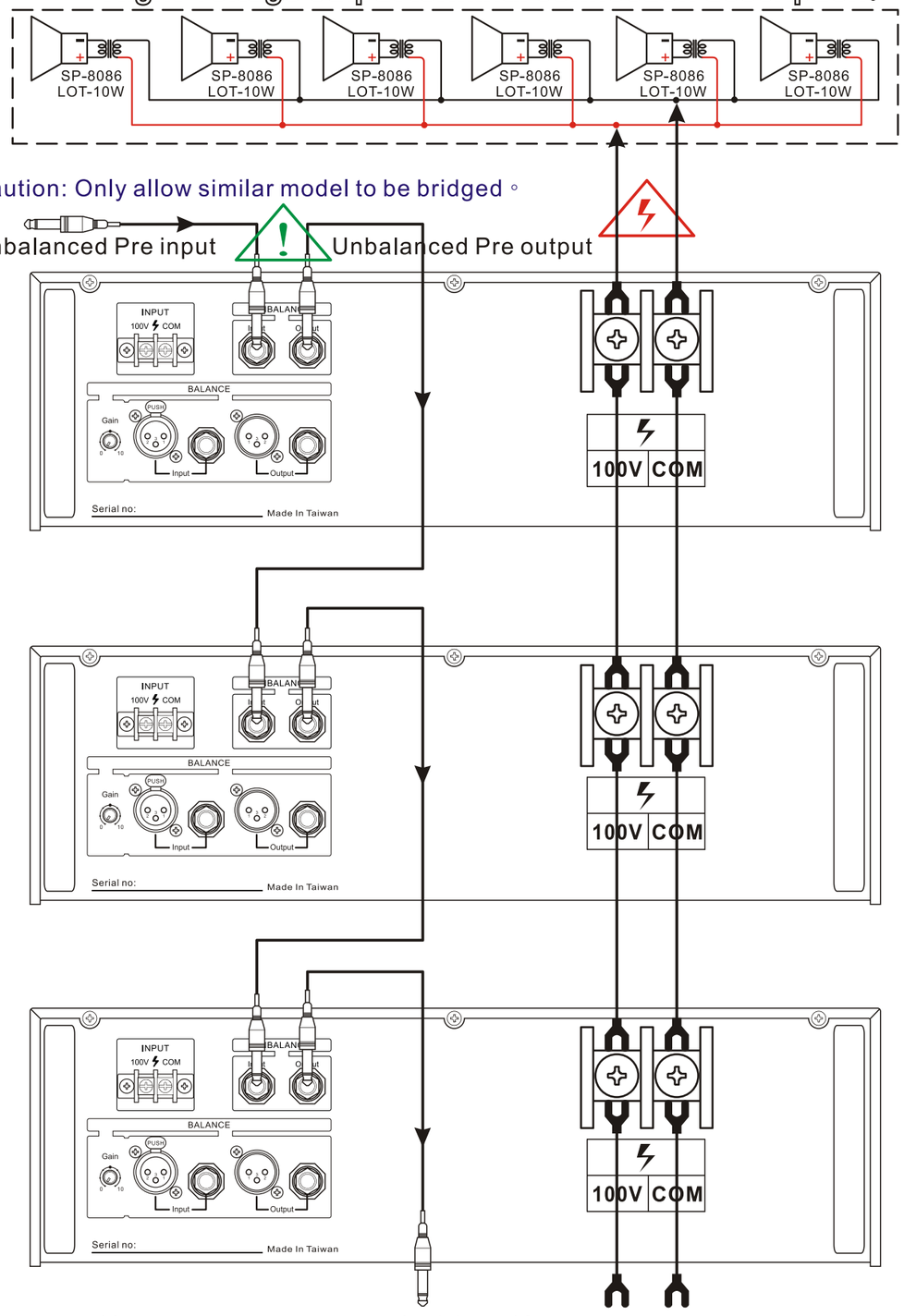
◈What if not using the device for long period, please turn off the power and pull out the power plug for avoid the risk of fire for safty purpose。

◈Please do not use the device at abnormal application for long time can burn down the device and cause fire。

Unbalanced bridge description

ATTENTION FOR BRIDGE CONNECTION:
ONLY ALLOW SIMILAR MODEL TO BE BRIDGED。

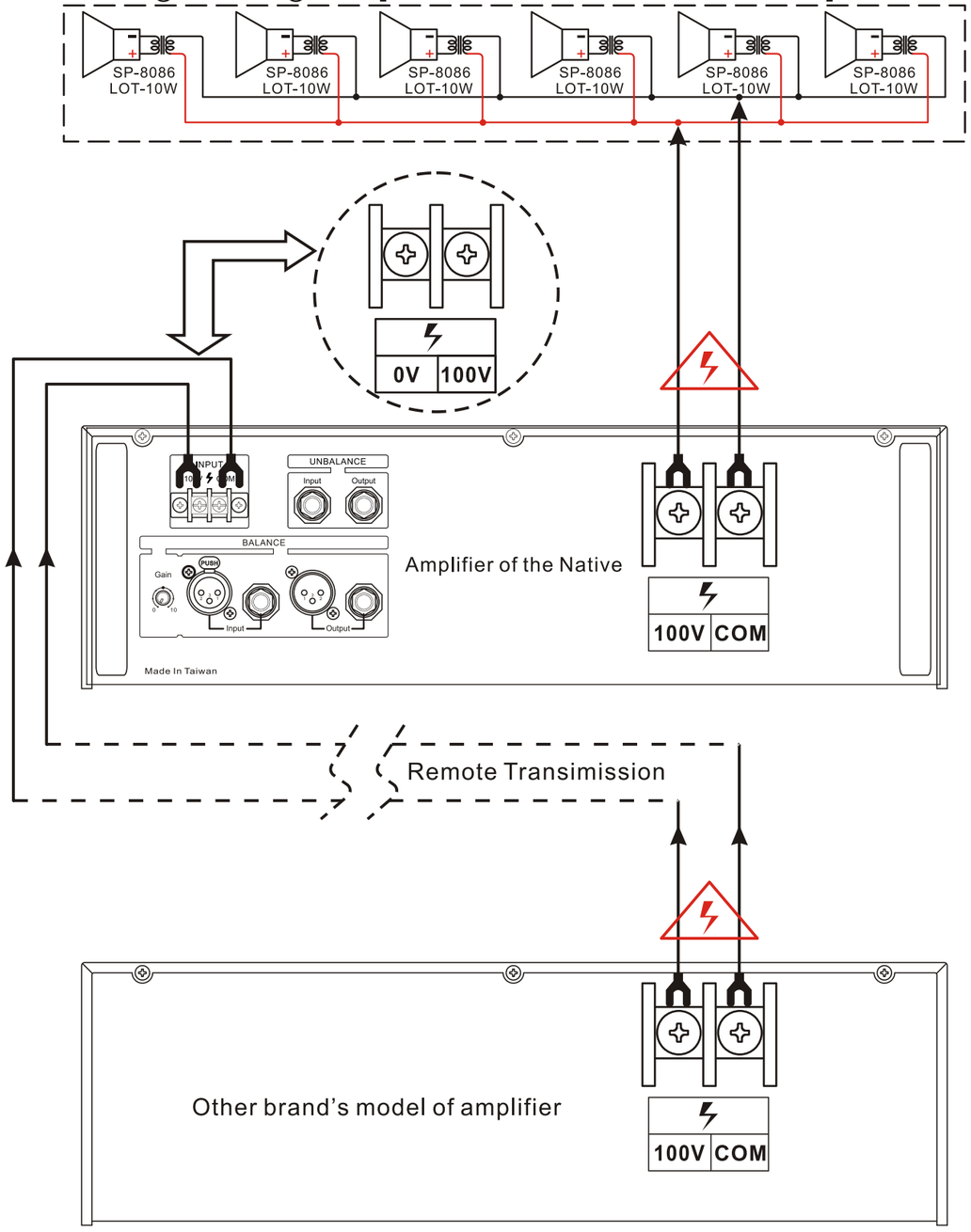
Hight-voltage output terminal connection description:



(Connect to next pre-amplifier's) (Connect to next high impedance output)

High-voltage start up method description

Hight-voltage output terminal connection description:



◈ The amplifier's 100V input allow to be connected with other remote end amplifier's high impedance output;
While the high voltage signal inputting will start up the power of the device and amplify the high voltage signal to be outputting。

Attention Points

◈ Please make sure the input signal wires can be distant from output electric cable。Both getting too close can cause interffference。

◈ Please follow the graphical instruction to equip the wires can bring capability of the device to maximum and extend the using life。

✤ **Attention matter of high voltage output transmission:**

If the distance between speaker and amplifier is distantly please using high voltage output to transmit the signal for avoiding signal consumption by extention of distance to weaken the volume。

✤ **Attention matter to low impedance output transmission:**

When speakers are connecting with amplifier's low impedance output terminal, please follow the graphical instruction of low impedance speaker connection in order to reach the condition of best matching capability can extend the using life。

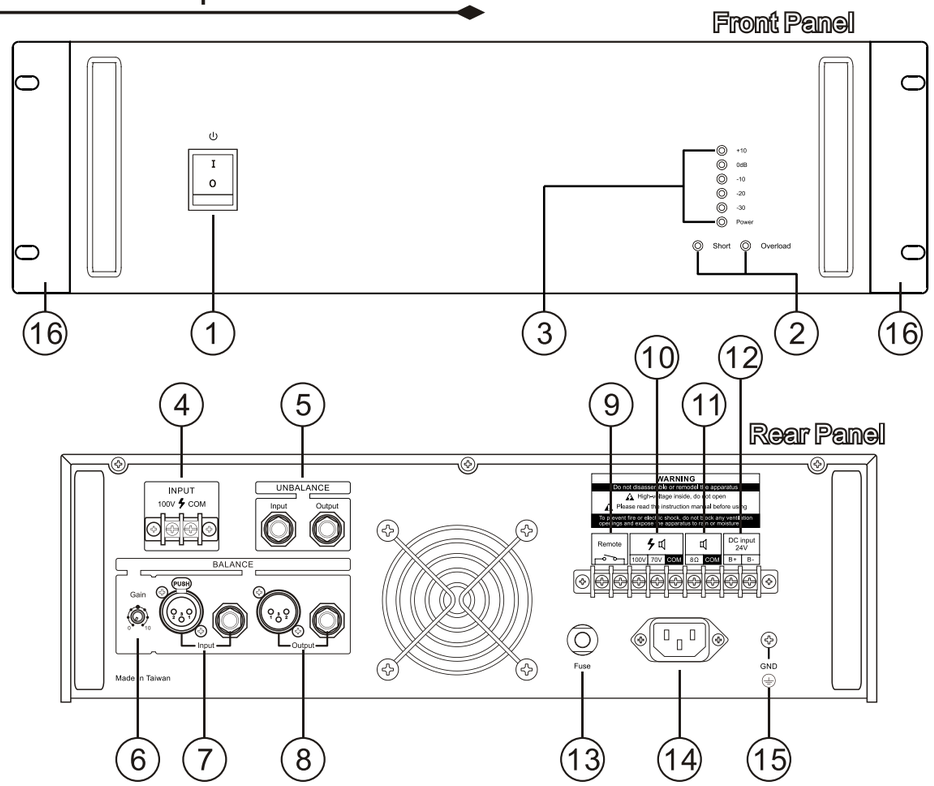
✤ **Attention matter of battery application:**

Be aware of battery voltage while connecting the external battery must be matching to the sign of voltage on the amplifier and do not reverse positive and negative poles。

◈ Please do not block the left side's wind gap can cause bad radiation to heat up the device and burn it down。

◈ Please reserve some space behind the device for rear wind gap with radiation fan available to circulate the internal hot air to drop down the internal temperature。

Instruction of panel function



① Power switch。

② Protection indicator LED：
Shortage indicator LED。
Overload indicator LED。

③ Power indicator LED。
Volume out indicator LED。

④ External High voltage signal input。

⑤ Signal bridge input or output。
Only allow similar model to be bridged。

⑥ Input signal gain adjustment。

⑦ Balanced input terminal。
XLR / Φ 6.3。

⑧ Balanced output terminal。
XLR / Φ 6.3。

⑨ Remote power on。

⑩ Hight-voltage output。
100V or 70V。

⑪ Low-impedance output。
8Ω。

⑫ External battery input。
24V。

⑬ AC Circuit Breaker。

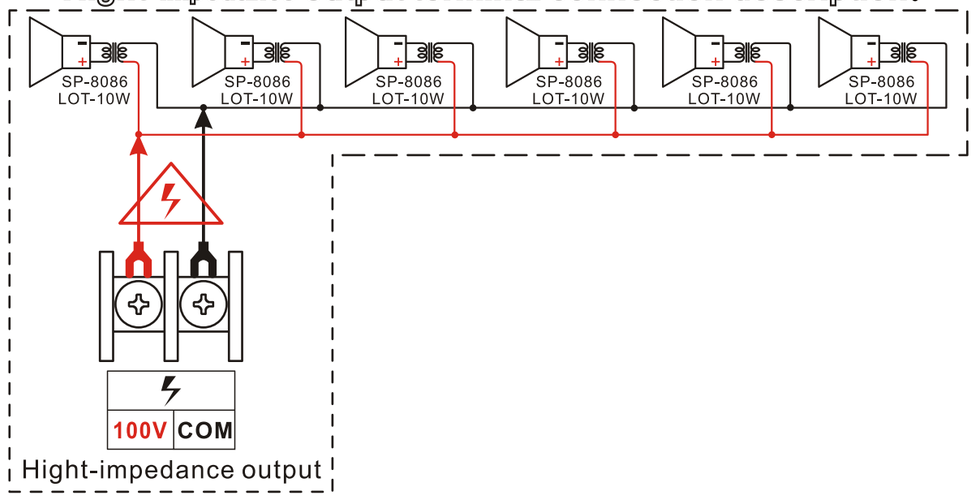
⑭ POWER SUPPLY。
AC 220V/50Hz
AC 230V/50Hz
AC 240V/50Hz

⑮ Chassis ground terminal。

⑯ Cabinet the side bracket fixing。
(Optional accessories)。

Description of connection

Hight-impedance output terminal connection description：



Low-impedance output terminal connection description：

