

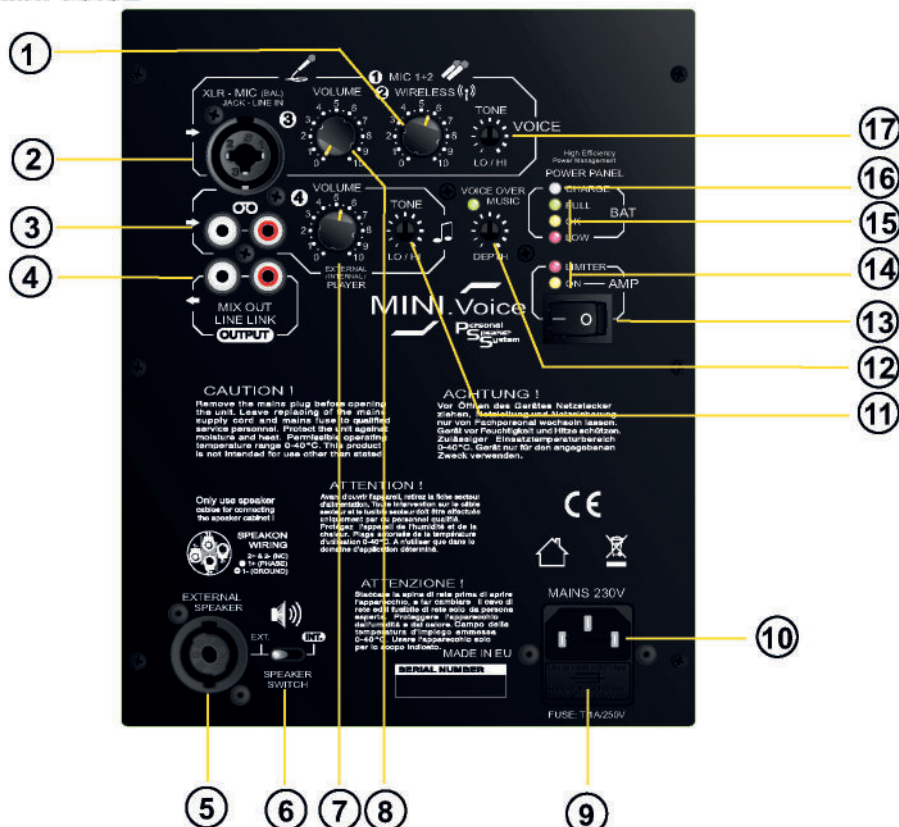
Manual **PL-audio**

Portable Speaker System

CUBE AKKU BOX



1.DESRIPTION OF THE REAR PANEL MINI VOICE

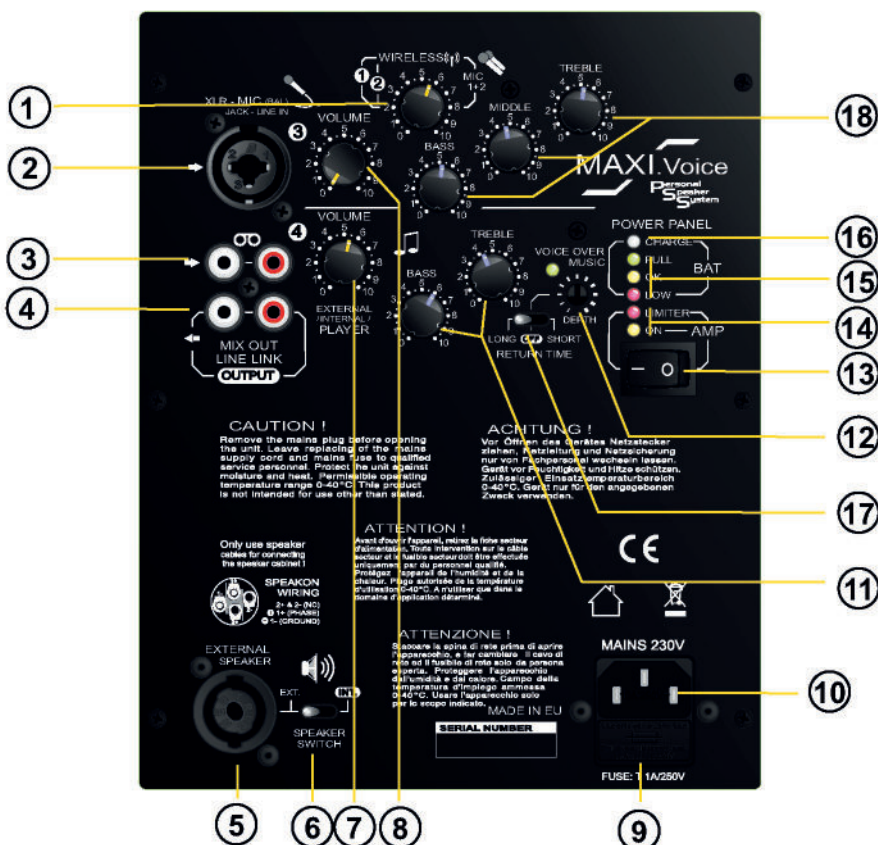


- 1 **VOLUME** - volume control for wireless microphone(s);
- 2 **MIC/LINE INPUT** - input jack (Combo XLR / Jack 6.3 mm); XLR connection for a microphone or 6,3mm connection for an audio unit with line output (tuner, cassette recorder, etc);
- 3 **INPUT 4** - RCA line level input for connecting audio devices;
- 4 **LINE OUTPUT** - RCA output jacks (for the mixed signal for recording purposes or for connection of another active speaker system)
- 5 **EXT. SPEAKER** - socket designed for connecting an additional passive speaker
- 6 **SPEAKER SWITCH** - switcher giving an ability of turning off the internal loudspeaker with the result that only the speaker system connected to (5) will be audible;
- 7,8 **VOLUME** - volume control for channels 4 i 3 respectively.

- 9 **FUSE** - the fuse socket;
- 10 Socket to connect a power cord what simultaneously starts charging the battery
- 11,17 **Tone** - tone control for channels 3 i 4
- 12 **VOICE OVER MUSIC** - controller of the threshold of the automatic volume attenuation of both the built-in Mp3 player and external device connected to (3) in case of a microphone announcement (wireless or connected to (2)). If the control is completely turned to zero, there is no volume attenuation.
LED lights up when the music is under the muting.
- 13 **POWER** - power on/off
- 14 Indicators:
 - **LIMITER** - lights up when the volume level limiter is active. It prevents the sound from distortion
 - **AMP ON** - power indicator for POWER ON

- 15 BATTERY** - battery status:
- FULL - it lights up when the battery is fully charged;
 - OK - the rechargeable battery is charged more than 75%
 - LOW - the charge of the rechargeable battery has fallen below 25 %; the rechargeable battery should be recharged
- 16 CHARGE** - charging process indicator:
- red - the rechargeable battery is being charged
 - green - the battery is fully charged;

2. DESCRIPTION OF THE REAR PANEL MAXI VOICE



5. Technical parameters

	MINI-8	MIDI-8	MAXI-28
Power supply	Class-D		
RMS Power	60W / 4Ohm 100W/2 Ohm (2x4 Ohm) 135W/1,3 Ohm (3x4 Ohm) 160W/1 Ohm (4x4 Ohm)		
Internal speakers	8" + HF (4 Ohm)		2 x8" + HF (2 Ohm)
Passive cabinet	4 Ohm/60W lub 2 Ohm/100W		
Battery	12V-7Ah	12V-7Ah lub 2x 12V-7Ah	
Inputs	Mic3 - 3mV(XLR, balanced) Line3 - mono- 30mV(6,3mm, balanced) Line4 - 150mV(chinch, unbalanced)		
Operating temperature	0-40°C		
Frequency Response		60-20000Hz	58-20000Hz
Dimensions (WxGxS)	215x345x260	246x410x260	265x485x320

1 VOLUME - volume control for wireless microphone(s) ;

2 MIC/LINE INPUT - input jack (Combo XLR / Jack 6.3 mm); XLR connection for a microphone or 6,3mm connection for an audio unit with line output (tuner, cassette recorder, etc);

3 INPUT 4 - RCA line level input for connecting audio devices;

4 LINE OUTPUT - RCA output jacks (for the mixed signal for recording purposes or for connection of another active speaker system

5 EXT. SPEAKER - socket designed for connecting an additional passive speaker

6 SPEAKER SWITCH - switcher giving an ability of turning off the internal speaker with the result that only the speaker connected to (5) will be audible

7,8 VOLUME - volume control for channels 4 and 3 respectively.

9 FUSE - the fuse socket;

10 Socket to connect a power cord which simultaneously starts the internal charger;

11 Tone control for LOW and HIGH frequencies for both built-in and external player (channel 4)

12 VOICE OVER MUSIC - controller of the threshold of the automatic volume attenuation of both the built-in Mp3 player and external device connected to (3) in case of a microphone announcement (wireless or connected to (2)). If the control is completely turned to zero, there is no volume attenuation. LED lights up when the music is under the muting.

13 POWER - power switch

14 Indicators:

- **LIMITER** - lights when the internal system (called a "limiter") limits the volume of the device to the max., to prevent the sound from distortion;

- **AMP ON** - lights when the device is turned on;

15 BATTERY - battery status:

- **FULL** - it lights up when the battery is fully charged;

- **OK** - the rechargeable battery is charged more than 75%

- **LOW** - the charge of the rechargeable battery has fallen below 25 %; the rechargeable battery should be recharged

16 CHARGE - charging process indicator:

- **red** - the rechargeable battery is being charged

- **green** - the battery is fully charged;

17 RETURN TIME - Switcher used to switch between long and short time of channel 4 volume attenuation, in case of a microphone announcement (wireless or connected to (2)). OFF position disables the feature.

18 The tone controls (**LOW, MID, HIGH**) common for the channel 3 and the channel of the wireless microphone receiver.

3. Operating instruction

3.1 Supply

3.1 Supply

- Before turning on the power, set the all Volume controls in the left position to avoid the harmful noise.
- The unit is ready for operation
- Turn on the device with POWER switch (8). The power is indicated by a yellow LED (AMP ON)
- Connect the audio source to the appropriate sockets of the system (see the panel description)
- Set the desired volume of channels to which the sound sources are connected.

3.2 Battery

A fully charged battery provides operation of the amplifier with continuous power for at least 3 hours. During typical usage (lectures, etc.) this time can be extended to 20 hours. The devices (PSS-MINI-8, MIDI-8, MAXI-28) have automatic security which enables ending the charging process in the case of achieving the maximum voltage and shutdown the device in the event of excessive discharge of the battery, i.e. when the voltage drops to 10.6 V. The full charging process takes about 8 hours. During device activity the time increases to 10 hours. The battery status is indicated by the three LED.

NOTE:

Before first use, charge the battery for 24 hours

If the device is not connected to the mains for a while, the battery's self-discharge and loss of the capacity can occur! To avoid this, after each use you should charge the battery! The device should be charged at least once a month (in case where it is not used for a long period of time)

In case of total discharge (during charging process the CHARGE and OK indicators illuminate green, but there is no power from the battery or it is very short) you could try to revive the battery by leaving it in a state of charging by approximately 24 hours. After a few minutes the CHARGE indicator should change the color to red (battery starts to "adopt" more and more charging current) and after some time the green LED OK indicator should go out. When the battery will be charged both lights should light green.

4. SAFETY NOTES

- Keep away from water, high humidity and temperature (operating temperature range 0 - 40 ° C).
- Do not place any objects filled with liquids, such as water glasses.
- The heat being generated in the unit has to be removed via air circulation. Therefore, the air vents must not be covered.
- For cleaning, use a dry, soft cloth. Do not use water or cleaning agents.
- The manufacturer or supplier is not liable for any damage if the machine has not been used as intended, installed or operated improperly or repaired by unauthorized persons.



WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED PERSONNEL.



WARNING:

TO PREVENT ELECTRIC SHOCK DO NOT OPEN CASE. NO USER SERVICEABLE PARTS INSIDE.



If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.