PUBLIC ADDRESS POWER AMPLIFIER

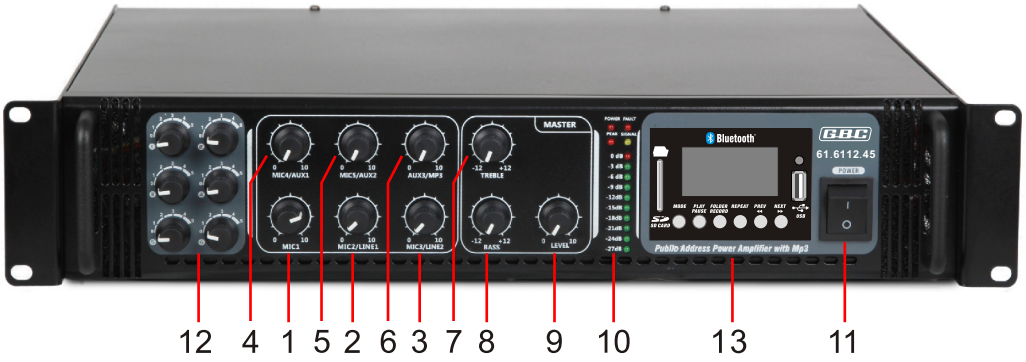
DCB-120BC/DCB-180BC/DCB-250BC/DCB-350BC

Please use the original packaging if the device is to be transported.
Never remove the serial barcode from the device as this would make the guarantee void.
Please consider that unauthorized modifications on the speaker-system are forbidden due to safety reasons!
If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like shortcircuit, burns, electric shock, hearing loss etc.

FEATURE

☆ 5 MIC inputs, 3 Aux and 2 Line inputs, 1 Pre-amp output, 1 group of Aux Send and Aux Return
☆ MIC 1 priority with mute-function
☆ Main volume control, treble and bass adjustors
☆ With 10-segments signal level indication; with power, signal, peak and fault indication
☆ Build in Mp3 player with LCD display and remote control
☆ Over current, over heating and short circuit protection, with limiter
☆ Turn on delay and DC offset protection
☆ Use CMOS power transistor
☆ 6 zoning output with volume controllers
☆ Output: 100V, 70V, 4~16 ohm
☆ Power supply: AC230V, DC24V

FRONT PANEL DESCRIPTION



1. MIC 1 VOL

This control determines the proportion of the MIC 1 channel signal in the mix, and provides a visual indication of channel vol.

2. MIC 2/LINE 1 VOL

This control determines the proportion of the MIC 2/LINE 1 channel signal in the mix, and provides a visual indication of channel vol.

3. MIC 3/LINE 2 VOL

This control determines the proportion of the MIC 2/LINE 1 channel signal in the mix, and provides a visual indication of channel vol.

4. MIC 4/AUX 1 VOL

This control determines the proportion of the MIC 4/AUX 1 channel signal in the mix, and provides a visual indication of channel vol.

5. MIC 5/AUX 2 VOL
This control determines the proportion of the MIC 5/AUX 2 channel signal in the mix, and provides a visual indication of channel vol.

6. AUX 3/MP3 VOL
This control determines the proportion of the AUX 3/MP3 channel signal in the mix, and provides a visual indication of channel vol.

7. TREBLE CONTROL
Turn this knob clockwise to boost high frequency. The control has a shelving response giving 15dB of boost or cut at 10kHz.

8. BASS CONTROL
Turn this knob clockwise to boost low frequency. The control has a shelving response giving 15dB of boost or cut at 100Hz.

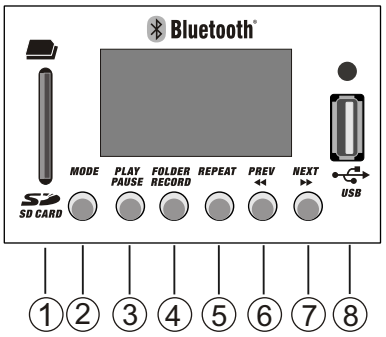
9. LEVEL VOL
Turn this knob to adjusts the final level of the Main output.

10. THE LED INDICATOR FOR POWER, FAULT, PEAK, SIGNAL AND LEVEL
When the power switch is turned on, the POWER LED will be illumed, so the user may be aware of it.
When the FAULT LED is illumed, means the device is damaged, so you must stop using it.
The PEAK indicator circuit monitors the output signal level. When it illuminates, means that the gain or EQ boost should be reduced.
The signal LED lights when the output signal level reaches approximately -30dBu.
10-segment LED METER monitors output signal level.

11. POWER SWITCH
Depressing the power switch supplies power to the power amplifier.

12. ZONE CONTROL
They are 6 rotatable band switches, to adjust 6 zone volumes in 5 steps.

13. MP3 PLAYER WITH BLUE TOOTH



(1) The SD card connector.
(2) Mode: Press this key and release, change the source to USB, SD or Blue tooth.
(3) Play/Pause: In playing state, press this key to pause playing, press it again to recover playing.
(4) Folder/Record: Press this key and release, enter the menu; press it and hold it, enter recording state.
(5) Cycle mode: Press this key to change cycle mode.
(6) Prev-/⏮: Press this key and release, jump to the previous song and play; push this button and hold it, enter the rewind state.
(7) Next/ ⏭: Press this button and release, jump to the next song and play; push this button and hold it, enter the fast forward state.
(8) The USB connector.

REAR PANEL DESCRIPTION

15. MIC 1 INPUT
The MIC 1 input accepts XLR/TRS phone jack. Please use a low impedance microphone and a properly wired cable for best results.

16. MIC 2/LINE 1 INPUT
The MIC 2 input accepts XLR phone jack while the LINE 1 input accepts a 1/4 type TRS jack. Please use a low impedance microphone and a properly wired cable for best results.

17. MIC 3/LINE 2 INPUT
The MIC 3 input accepts XLR phone jack while the LINE 2 input accepts a 1/4 type TRS jack. Please use a low impedance microphone and a properly wired cable for best results.

18. AUX 1 INPUT
The AUX 1 input (with RCA sockets) allows cassette recorder or CD player and sent to the Main output.

19. AUX 2 INPUT
The AUX 2 input (with RCA sockets) allows cassette recorder or CD player and sent to the Main output.

20. AUX 3 INPUT
The AUX 2 input (with RCA sockets) allows cassette recorder or CD player and sent to the Main output.

21. MUTE CONTROL
This control adjusts the mute-function on MIC 1 for priority.

22. MIC 2/LINE 1 BUTTON
A button for changing input source between Mic 2 and Line 1.

23. MIC 3/LINE 2 BUTTON
A button for changing input source between Mic 3 and Line 2.

24. MIC 4/AUX 1 BUTTON
A button for changing input source between Mic 4 and Aux 1.

25. MIC 4/AUX 1 BUTTON
A button for changing input source between Mic 5 and Aux 2.

26. MIC 4/AUX 1 BUTTON
A button for changing input source between Mp3 and Aux 3.

27. MIC 4
The MIC 4 input accepts a 1/4 type TRS phone jack. Please use a low impedance microphone and a properly wired cable for best results.

28. MIC 5
The MIC 5 input accepts a 1/4 type TRS phone jack. Please use a low impedance microphone and a properly wired cable for best results.

29. A GROUP OF SEND AND RETURN
Connect SEND(with RCA jack) to another device for sending output signal to that device.
Connect RETURN(with RCA jack) to another device for accepting signal from that device.
If you don not use these, please connect SEND and RETURN for short circuit.

30. PREAMP OUT
The PREAMP(previous amplifier) OUTPUT with XLR-M socket provides signal to a cassette deck or home audio equipment.

31. SPEAKER OUTPUT CONNECTOR WITH POLE
3 direct speaker outputs with pole connectors. These poles contain: COM, 4~16 , 70V and 100V.

32. ZONE 1~6 OUTPUT CONNECTOR
6 zone outputs with terminal connectors. The voltage of these outputs is 100V.

33. DC 24V IN
Outside DC 24V input connector with 2 terminals.

34. POWER INPUT CONNECTOR WITH FUSE
The POWER INPUT CONNECTOR is connected to a electrical outlet by power cord. The powered mixer can be supplied with the voltage AC115V/60Hz or AC230V/50Hz(push the power selector on the flank).

35. DC FUSE FOR THE POWER OF CMOS TRANSISTOR

TECHNICAL SPECIFICATIONS

Model	DCB-120BC	DCB-180BC	DCB-250BC	DCB-350BC
Rating power	120W RMS	180W RMS	250W RMS	350W RMS
Mic input	5 mV, 600 Ohms			
Line input	300 mV, 10k Ohms			
AC FUSE	5A/250V	7A/250V	10A/250V	10A/250V
DC FUSE	20A/250V	20A/250V	25A/250V	25A/250V

NOTES
a. Please read the entire attached documents carefully before using the device, and keep them for your reference.
b. The power supply must match the demand of the device with reliable ground wire.
c. All covering signal should be complied with the demand of the device.
d. Make sure to shut off before connecting
e. The device should be equipped far away high temperature, moisture and powerful electromagnetic field.
f. Please don't use organic cleaner but dry soft cloth to clear the device.