

DDAW 200BT

BLUETOOTH-ENABLED AMPLIFIER

OWNER'S MANUAL



ddrum®

Introduction:

Introducing the ddrum DDAW200 BT Amp—a powerhouse of performance and versatility designed to elevate your sound in any setting. Whether you're a musician, DJ, or presenter, this amp delivers exceptional audio quality and modern connectivity features for every application.. Adopting lightweight and high-quality imported components, with an ergonomic structural design and an elegant appearance. This series of speakers adopts the latest electroacoustic and electronic design. Using the company's proprietary coaxial drive technology, it effectively improves sound clarity, sound accuracy, and uniformity of image and sound coverage. High frequency and low-frequency sensors are designed with efficient ferrite magnetic circuits to achieve high sensitivity, low distortion, and high power. The DDAW200 BT has a built-in high-power digital amplifier with DSP and comprehensive audio function adjustment and design functions, as well as a built-in LCD screen, making parameter settings more intuitive and convenient. The dual amplifier circuit design greatly improves sound quality and stability. Combine with subwoofers of the same range to form a full range system for a wider range of applications.

Feature:

1. Made of reinforced injection moulded polypropylene plastic
2. Woofer and tweeter are designed with ferrite magnetic circuit, ensuring high sensitivity, low distortion, high power and high efficiency.
3. Dual amplifier circuit, Class D @300W for MF/LF and Class AB @50W for HF, universal power supply design for global use.
4. 24bit 48kHz DSP processor with LCD display for adjusting sound effects, 3-band equalization, low cut, voltage limit, delay, volume control and other functions.
5. 2 handles, more convenient to carry, light weight, noble and elegant appearance .
6. 45 degree wedge design, can also be used as a monitor speaker.
7. Fixed installation (35mm support hole), double-hole tray, 0° and 7.5°
8. Hanging installation (5*M10 flying points).

SAFETY INSTRUCTIONS

READ THIS BEFORE YOU USE THIS PRODUCT

1. Before connecting the A.C. power cord make sure the Voltage Selector is set for your local A.C. supply voltage.
2. Only use the A.C. power cord / mains lead supplied with this product. Replace if it becomes damaged in any way.
3. Never operate without, or remove the safety ground (earth) from the A.C. Power cord/mains lead.
4. Do not attempt to remove any screws or panels. There are no user serviceable parts inside.
5. Do not operate the unit next to heat sources such as radiators.
6. The unit should not be operated or stored near rain or moisture.
7. This equipment must not be exposed to dripping or splashing and no objects filled with liquids should be placed on top of it.
8. Write the serial number in the box provided in the Warranty section for future reference.
9. If the unit gets damaged, has been dropped or appears to have developed a fault refer to the Service Information section for details.

WARNING: THIS APPARATUS MUST BE EARTHED (GROUNDED)



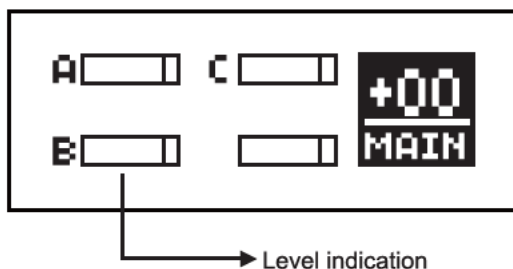
WEEE Mark

If you want to dispose of this product, do not mix with general household waste. There are separate collection systems for used electronic products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within the European Union.

ACTIVE PANEL (FIG2)



FPE10AD/12AD/15SAD LCD menu section



Steps:

1. total adjustable volume range - 60 dB – 0dB.(refer to the above picture)
2. When there is signal going into channel ,LCD screen will display level status;
(refer to the above picture)
3. When Bluetooth is activated , the blue indicator will lit up.

AUDIO SETTINGS

Press and rotate - Press the encoder to enter the main menu, and then rotate the encoder to select the AUDIO menu item (dark background). Press the encoder again to access the submenu, and then rotate the encoder to select the submenu item. Press the encoder to confirm the option.



HI EQ:	+00 dB
MID EQ:	+00 dB
LOW EQ:	+00 dB

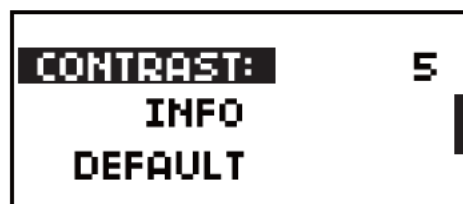
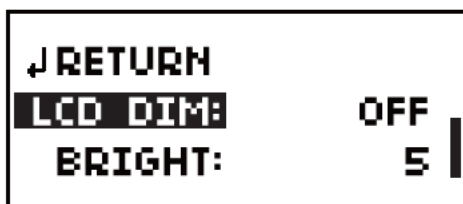
For submenu and related setting options, please refer to the table below.

Setting options	
RETURN	Return to the main menu
PRESET	Speaker preset, options:MUSIC,SPEECH,LIVE,DJ,MONITOR
DELAY	Time delay of audio signal (0~10ms = off, displayed in milliseconds)
HI EQ	-12dB ~ +12dB
MID EQ	-12dB ~ +12dB
LOW EQ	-12dB ~ +12dB
LOW CUT	Low cut filter settings, options:OFF, 80Hz,100Hz,120Hz,150Hz
BLUETOOTH	Options: OFF, ON, TWS (optional)

Select RETURN in the submenu, then press the encoder to return to the main menu. Select RETURN in the main menu, then press the encoder to confirm the selection and return to standby status. Or after about 20 seconds of no operation, standby will be automatically restored.

SYSTEM SETTINGS

Press and rotate - Press the encoder to enter the main menu, and then rotate the encoder to select the SETTINGS menu item (dark background). Press the encoder again to access the submenu, and then rotate the encoder to select the submenu item. Press the encoder to confirm the option.



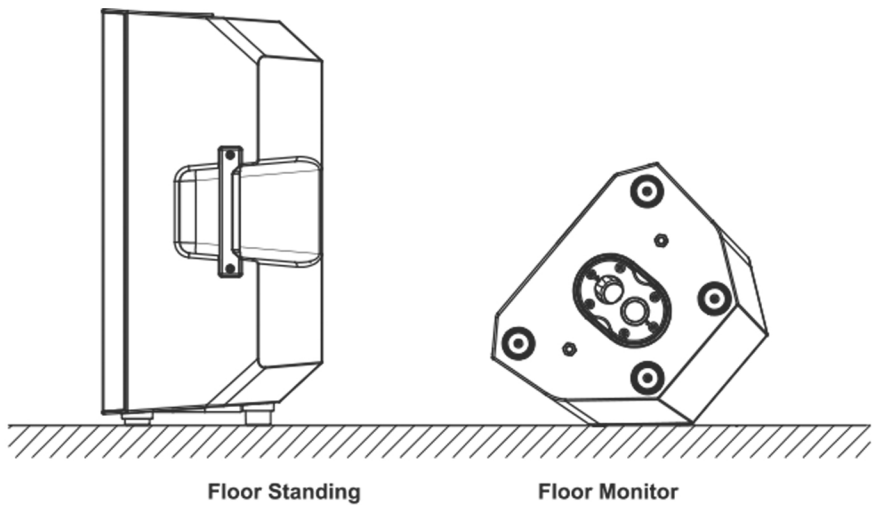
For submenu and related setting options, please refer to the table below.

Settings options				
RETURN	Return to the main menu			
LCD DIM	The display dimmed automatically	ON	The display dim after about 15 seconds of no operation	
		OFF	The automatic display dimming function has been turned off	
BRIGHT	Display brightness settings(1-10)			
CONTRAST	Display contrast settings(1-10)			
INFO	Display software version			
DEFAULT	Factory data reset (AUDIO + SETTINGS)	CANCEL	Cancel reset	
		RESET	CANCEL	Cancel reset
			YES	to factory settings reset

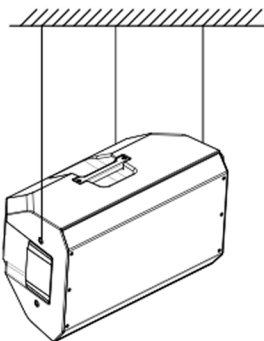
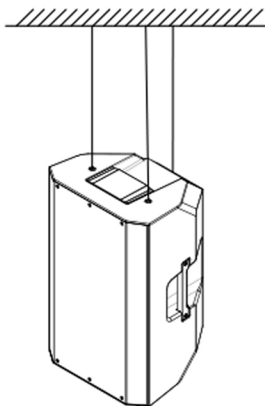
Select RETURN in the submenu, then press the encoder to return to the main menu. Select RETURN in the main menu, then press the encoder to confirm the selection and return to standby status. Or after about 20 seconds of no operation, standby will be automatically restored.

Specification

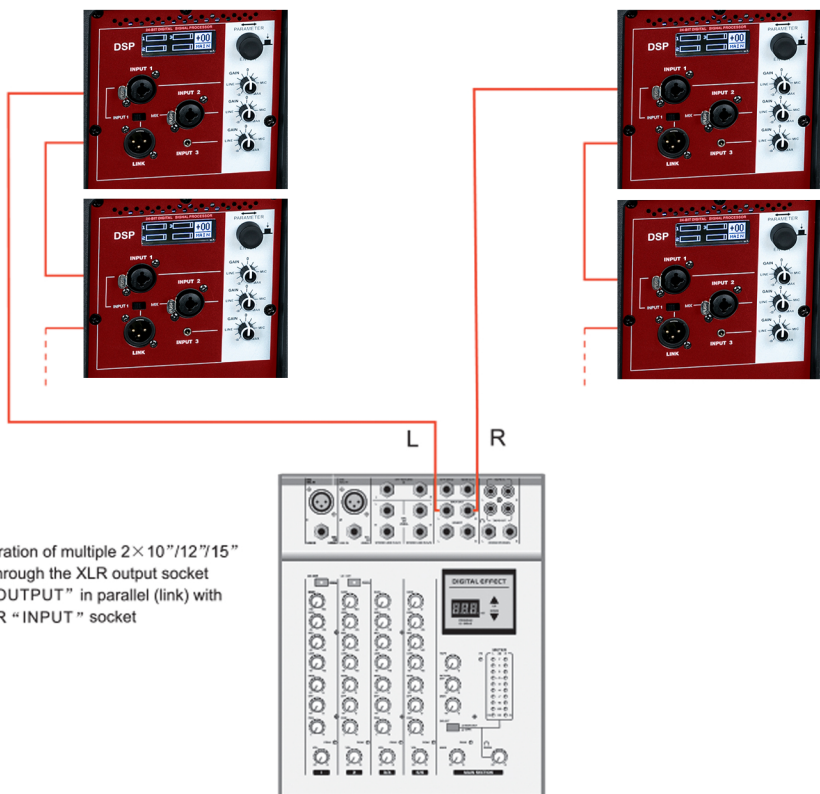
model	FPE10AD
type	10" 2-way active coaxial plastic speaker
frequency response (-10dB)	60Hz--20kHz
Line Input Sensitivity	0 dBu
Mic Input Sensitivity	-32dBu
max. SPL (dB)	124.5dB
AMP power peak	1400W
LF unit	10" woofer
HF unit	34-core compression driver/1" throat
coverage (V*H)	80°x80°
crossover frequency	2.2 kHz
input connection	2×JACK、XLR+JACK-3.5
DSP	5 modes (music/speech/live/DJ/monitor) , 3-band EQ, low-cut, delay, volume control,etc.
Bluetooth	Yes ,TWS
input voltage	100V-240V universal voltage
support mount	35mm hole, with 0° and -7.5°optional
hanging mount	5×M10
dimension (W*H*D)	310×515×280 (mm)
weight	12.8 kg



Hanging mode



Connection Examples



Configuration of multiple 2×10"/12"/15"
2-way through the XLR output socket
"LINK OUTPUT" in parallel (link) with
the XLR "INPUT" socket

Mixer

SERVICE INFORMATION

If you have a problem with your Soundking product or think it has developed a fault you should first carefully check the Trouble Shooting section in this guide. If this does not solve the problem or if the product is physically damaged, contact your local dealer or distributor for service details.

Should it be recommended you return the product to your nearest Studiomaster Service Centre you must first contact them.

You will be asked for the product type and serial number. You will then be given a returns Authorisation (RA) number.

Pack the unit in its original carton to protect it from shipping damage.

You must have the Returns Authorisation number clearly marked on the outside of the carton or we may refuse the delivery.

Soundking cannot be held responsible for damage resulting from the equipment being packed incorrectly.

Label the equipment clearly with your name and address and include a clear description of the fault. The more information you supply helps the service engineer, minimising repair cost when out of warranty.

Please write your serial number here for future reference.

Trouble shooting

Problem	Reason
Power LED does not light up	Check if the power cord is connected well? If power supply is ok? If the power switch is set to ON?
No sound	If the system is connected well?if power supply is turned on ? if signal input is ok?
Distortion	If the signal level is too high?If PEAK LED lights up? if the switch is released?
Abnormal tone	If system is connected well?if signal input is ok?if ground switch is released?
Insufficient SPL	If system is connected well?if volume knob(LEVEL/GAIN) is set well?

If you can not solve the problem, please contact our distributor.

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