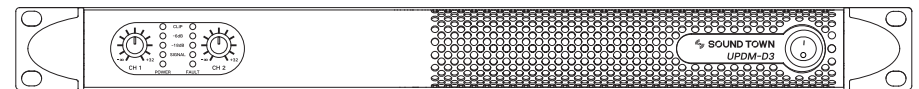


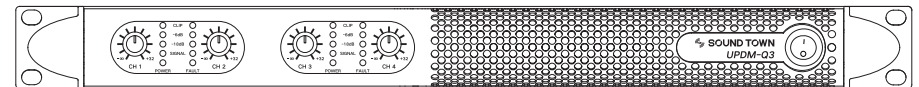
UPDM Series

PROFESSIONAL POWER AMPLIFIER

UPDM-D3



UPDM-Q3



IMPORTANT SAFETY INSTRUCTIONS

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. Bath tub, sink, swimming pool, web basement etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings, it should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources, such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The side blade or the third prong are provided for your safety if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord being walked on or pinched particularly at Plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.
11. Only use attachments specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
16. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
17. When the MAINS plug, or an appliance coupler is used as the disconnect device, the disconnect device should remain readily operable.
18. Protective Ground Terminal: The apparatus shall be connected to an AC main socket with a protective earth ground connection.



SPECIFICATIONS

SPECIFICATIONS:

Model	UPDM-D3	UPDM-Q3
Channel	2 Channels	4 Channels
Power (8 ohm)	2 x 600 W	4 x 600 W
Power (4 ohm)	2 x 1150 W	4 x 1150 W
Input Impedance	20K ohm balance, 10K ohm unbalance	20K ohm balance, 10K ohm unbalance
Input Voltage	100V~130V	100V~130V
Freq. Response	20~20K Hz (+/-0.2dB)	20~20K Hz (+/-0.2dB)
S/N Rate	>105 dB	>105 dB
Distortion	0.05%	0.05%
Dimensions (WxDxH)	19 x 15.4 x 1.75 inch (Standard 1U)	19 x 15.4 x 1.75 inch (Standard 1U)
Weight (Lbs)	9.9	12.2

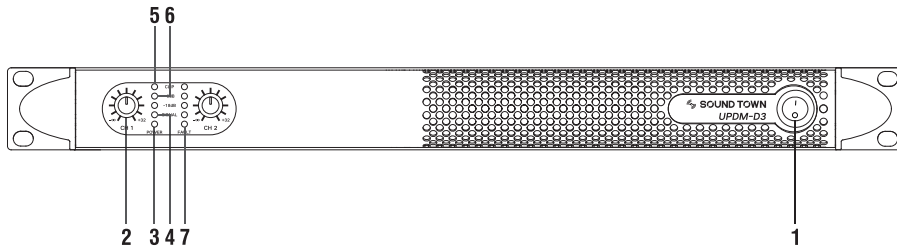
How can we help you?

CONTACT OUR US-BASED SUPPORT TEAM

Simple or complex, your questions are important to us. For service, support or more information, please contact the Sound Town support team:

Email: support@soundtown.com

FRONT PANEL (2-Channel)



1. Power Switch

This heavy-duty, rocker-type switch turns on the mains power to the amplifier. When the mains power is applied, there is a three second delay in activation of the unit. This reduces / eliminates the turn on transients associated with the system equipment connected to the amplifier and protects loudspeakers.

2. Volume Control

These controls are used to adjust the input gain of each channel. They determine how loud each channel of the power amplifier will sound for a given input signal level. Maximum input gain is achieved at the fully clockwise setting, and this setting yields maximum mixer/ system headroom. A setting of less than fully clockwise will yield lower system noise at the expense of mixer/ system headroom. Turning the control fully counterclockwise is the off setting. It is always a good idea to power up any new installation at this setting to protect the system loudspeakers.

3. Power LED

This indicator illuminates when the AC mains power is being supplied to the amplifier and both channels are operational. If either channel experiences fault conditions, exceeds safe operating temperature limits, or if the mains circuit breaker trips, the power LED will be dark.

4. Signal (Level) LEDs

These indicators illuminate when the associated channel has signal input.

5. Overload LEDs (Clip)

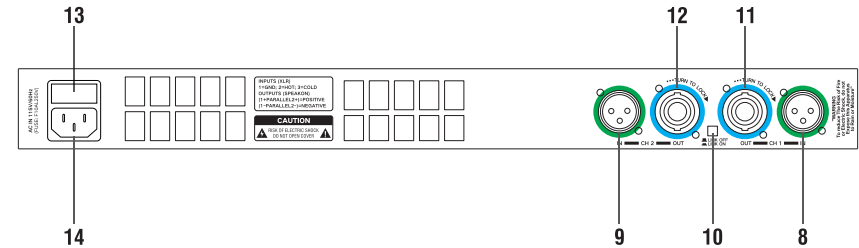
These indicators illuminate when the associated channel has been overloaded. An occasional flickering is acceptable. If LED is lit continuously adjust the level control and reduce the output level of connected sources. Failure to do so may lead to premature failure of your speaker.

6. Meter LEDs

7. Protect LED (Faulty)

This indicator illuminate when the associated channel has problem. It might be short circuit, overheat or other system problems and the amplifier will turn to protection mode and stop working. The amplifier must be turn off when the protect LED lights up.

REAR PANEL (2-Channel)



8&9. INPUT 1&2

Two XLR 3 (female) connectors are provided for signal input (Balanced input).

10. LINK SWITCH: STEREO/PARALLEL

A: LINK OFF (STEREO MODE): Allow stereo input from two separate feeds to INPUT 1&2, OUTPUT1&2 speaker will also power out separately.

B: LINK ON (PARALLEL MODE): Only input mono signal from INPUT 1, INPUT 2 is invalid at this mode. OUTPUT 1&2 speaker will power out separately for the same signal.

11&12. SPEAKON OUTPUT

Two NL4 speakon sockets are provided to connect the output CH1/2 to the loudspeakers.

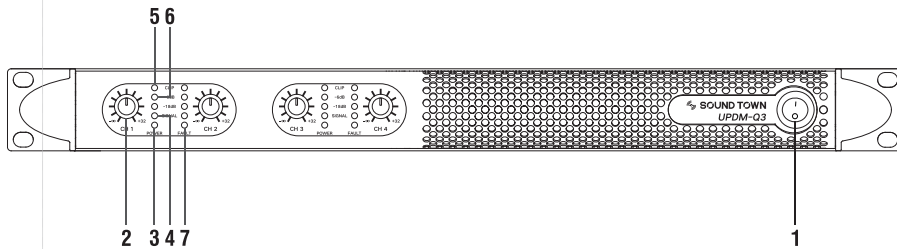
13. FUSE HOLDER

The fuse is used to protect your amplifier from different kinds of AC problems. When the amplifier is turned on but no any LED indicator light on, please verify the fuse compartment. If the fuse blows, replace it with another fuse with the same type and rate.

14. MAIN SOCKET INPUT

Use the incorporated cable in order to connect the device to an adequate main supply point. It's important to supply the proper AC line voltage (110V~130V) to the unit. Do not connect to intermittent or faulty power.

FRONT PANEL (4-Channel)



1. Power Switch

This heavy-duty, rocker-type switch turns on the mains power to the amplifier. When the mains power is applied, there is a three second delay in activation of the unit. This reduces / eliminates the turn on transients associated with the system equipment connected to the amplifier and protects loudspeakers.

2. Volume Control

These controls are used to adjust the input gain of each channel. They determine how loud each channel of the power amplifier will sound for a given input signal level. Maximum input gain is achieved at the fully clockwise setting, and this setting yields maximum mixer/ system headroom. A setting of less than fully clockwise will yield lower system noise at the expense of mixer/ system headroom. Turning the control fully counterclockwise is the off setting. It is always a good idea to power up any new installation at this setting to protect the system loudspeakers.

3. Power LED

This indicator illuminates when the AC mains power is being supplied to the amplifier and both channels are operational. If either channel experiences fault conditions, exceeds safe operating temperature limits, or if the mains circuit breaker trips, the power LED will be dark.

4. Signal (Level) LEDs

These indicators illuminate when the associated channel has signal input.

5. Overload LEDs (Clip)

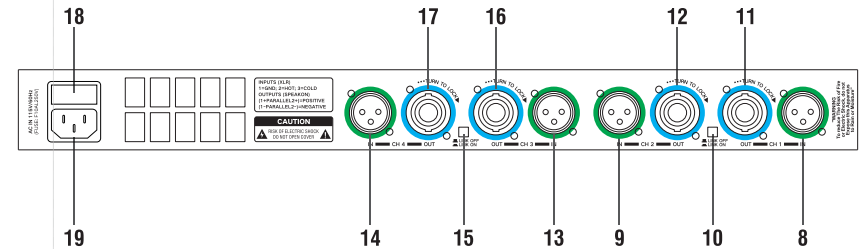
These indicators illuminate when the associated channel has been overloaded. An occasional flickering is acceptable. If LED is lit continuously adjust the level control and reduce the output level of connected sources. Failure to do so may lead to premature failure of your speaker.

6. Meter LEDs

7. Protect LED (Faulty)

This indicator illuminates when the associated channel has a problem. It might be short circuit, overheat or other system problems and the amplifier will turn to protection mode and stop working. The amplifier must be turned off when the protect LED lights up.

REAR PANEL (4-Channel)



8&9. INPUT 1&2

Two XLR 3 (female) connectors are provided for signal input 1&2 (Balanced input).

10. LINK SWITCH for CH1&2: STEREO/PARALLEL

A: LINK OFF (STEREO MODE): Allow stereo input from two separate feeds to INPUT 1&2, OUTPUT1&2 speakon will also power out separately.

B: LINK ON (PARALLEL MODE): Only input mono signal from INPUT 1, INPUT 2 is invalid at this mode. OUTPUT 1&2 speakon will power out separately for the same signal.

11&12. SPEAKON OUTPUT for CH1/2

Two NL4 speakon sockets are provided to connect the output CH1/2 to the loudspeakers.

13&14. INPUT 3&4

Two XLR 3 (female) connectors are provided for signal input 3&4 (Balanced input).

15. LINK SWITCH for CH3&4: STEREO/PARALLEL

A: LINK OFF (STEREO MODE): Allow stereo input from two separate feeds to INPUT 3&4, OUTPUT3&4 speakon will also power out separately.

B: LINK ON (PARALLEL MODE): Only input mono signal from INPUT 3, INPUT 4 is invalid at this mode. OUTPUT 3&4 speakon will power out separately for the same signal.

16&17. SPEAKON OUTPUT for CH3/4

Two NL4 speakon sockets are provided to connect the output CH3/4 to the loudspeakers.

18. FUSE HOLDER

The fuse is used to protect your amplifier from different kinds of AC problems. When the amplifier is turned on but no any LED indicator light on, please verify the fuse compartment. If the fuse blows, replace it with another fuse with the same type and rate.

19. MAIN SOCKET INPUT

Use the incorporated cable in order to connect the device to an adequate main supply point. It's important to supply the proper AC line voltage (110V~130V) to the unit. Do not connect to intermittent or faulty power.