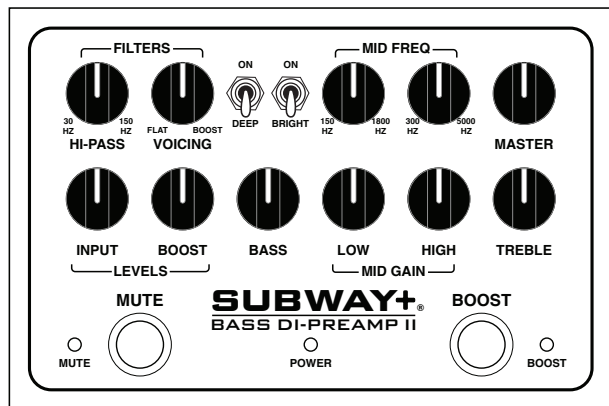




PRODUCT OVERVIEW – The SUBWAY+® MKII BASS DI-PRE combines and updates the features of our two original DI-PREs into a new, compact, high-performance pedal. Based on the success of the original Subway DI-PRE, Subway D-350, D-800, and D-800+ heads, plus user feedback, this new Subway DI-PRE is a tone-dripping powerhouse that’s more compact, lighter weight, and designed to reliably go the distance gig after gig.

INPUT LEVEL – This control sets the input signal level (gain) of the preamp. It is also used in conjunction with the MASTER volume control to set the overall output level of the PREAMP and HEADPHONE OUTPUT jacks.

BOOST LEVEL – This control sets the amount of boost level (volume) applied when the BOOST footswitch is engaged. Even when fully counterclockwise, there is a small amount of additional gain (approx. 1dB) applied when the footswitch is engaged. The amount of boost increases as the control is rotated clockwise.

When engaged, there is a mild boost in the very low frequencies while simultaneously reducing the HI-PASS filter’s effective low frequency point. This combination brings a rounder, thicker, fatter response to the bottom end without becoming overwhelming. When using this filter with small (compact) bass cabinets and with large amounts of bass EQ boost, be aware of the possibility of damaging your speakers at high volume. Some unique tones are available by using the DEEP filter while at the same time rolling up the HI-PASS filter. Experimentation is encouraged.

BRIGHT SWITCH – This switch engages the BRIGHT filter, which causes a rising response at higher frequencies, much like the switches found on the most popular classic tube amps. Engaging this filter can bring some “brightness, presence, and attack definition” into the tone without making it sound harsh. Using this filter while also turning down the TREBLE EQ can preserve some air or openness in your tone while reducing higher-frequency artifacts like string or fret noise.

ACTIVE EQUALIZATION – This EQ section contains an active 4-band equalizer with shelving bass and treble controls plus two user-adjustable semi-parametric midrange frequency controls. The midrange filters can be used to selectively reduce or remove troublesome frequencies or to boost frequency ranges to achieve a particular voicing. The MID GAIN controls adjust the amount of cut/boost, and the MID FREQ controls set where the cut/boost occurs. As you experiment, you will find these controls can be creative as well as corrective. The BASS and TREBLE controls are conventional shelving Baxandall-type cut/boost EQ filters.

MASTER VOLUME – The MASTER control adjusts the output volume to the PREAMP OUTPUT and HEADPHONE OUTPUT jacks but does not affect the level to the DIRECT OUT in either pre or post EQ modes.

INSTRUMENT INPUT – 1/4” (6.35mm) instrument level mono unbalanced input jack with a FET input amp circuit that includes “RFI” (radio frequency interference) filtering to eliminate unwanted noise.

AUX INPUT – 1/4” (6.35mm) line level mono or stereo input jack that can be used for playback of music or click tracks for rehearsal/practices. This TRS input sums left and right signals from a stereo source to mono and cannot be used with a mono balanced source. The signal from this input is not sent to the DIRECT OUT.

PREAMP OUTPUT – 1/4” (6.35mm) jack is used to send the line-level preamp signal to other external devices. This output can

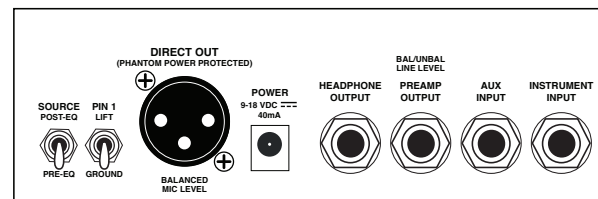
MUTE FOOTSWITCH – This footswitch mutes the audio signal being sent to all outputs. When the footswitch is engaged, the red MUTE LED will illuminate, and NO audio will be present at the DIRECT OUT, HEADPHONE or PREAMP OUTPUT jacks. This footswitch can also be used to place the DI-PRE into “standby mode” before and between sets, or while changing instruments without needing to adjust any of the controls.

BOOST FOOTSWITCH – This footswitch engages the BOOST function, which lights the green BOOST LED.

HI-PASS FILTER (HPF/LOW CUT) – This control sets the low-frequency roll-off point of the DI-PRE and reduces the low-frequency extension of the signal as the control is rotated clockwise. This helps maintain control over the extreme low end and can improve how the bass sits in the mix. This filter also provides additional speaker protection by preventing mechanical over-exursion damage, can be used to roll off problematic sub-bass frequencies in a boomy venue, to manage and focus the low end when overdriving the signal, and to preserve the naturally musical growl and grit of the overdriven signal. For some creative low-mid voicings and increased low-mid clarity, you can increase the HI-PASS setting while simultaneously increasing the BASS EQ and/or engaging the DEEP switch. Experimentation will be helpful in all of these applications.

VOICING FILTER – This active filter modifies the DI-PRE’s response from a basically flat curve in the full counterclockwise position through a continuously variable array of mid-scooped style voicing when turned clockwise. As the control is rotated, the low and high frequencies increase while the midrange decreases and shifts upward in a musically balanced way. This is a more complex tone shaping change than a simple mid scoop, as it modifies and shifts the frequency response across all regions. Common uses for the more voiced positions are the old school funk and slap tones, and rock tones, where a rounder bottom and a little bite are needed. Experimentation is an important part of discovering the potential of this powerful tool. To initially set up your sound, start with the VOICING control fully counterclockwise and gradually rotate the control clockwise until you achieve the basic amp voicing that you are looking for. Once satisfied with that basic tone, EQ to taste. Don’t forget that the HI-PASS, BRIGHT, and DEEP switches can also be brought into play in any combination. The SUBWAY+ MKII BASS DI-PRE is a versatile tool when it comes to dialing in the exact sound you have in your head, better fitting your bass into a band mix, and/or accommodating problematic venue acoustics.

DEEP SWITCH – This toggle switch engages the DEEP filter, our take on classic low-frequency enhancement and extension.



be used with a TS cable for driving an unbalanced input or with a TRS cable for driving a balanced input. A 1/4” (6.35mm) to XLR (male) adapter cable may be used to drive an XLR balanced input on a power amp. Standard TRS to XLR wiring is TIP = Pin 2, RING = Pin 3, and SLEEVE = Pin 1.

HEADPHONE OUTPUT – 1/4” (6.35mm) jack is used to drive stereo headphones or earbuds of all types (8 ohm – 200 ohm recommended – see SPECIFICATIONS).

DC POWER INPUT JACK – This pedal contains circuitry that auto-detects both the voltage and polarity of the attached power supply. The pedal will function properly with 9VDC to 18VDC, center-positive or center-negative polarity power supplies. For very high-output basses and line-level signals, it is recommended to use 12VDC or higher power supplies to avoid premature clipping of the signal and to provide increased headroom. 18VDC will provide the highest headroom and output. Be sure to use a low-noise pedal-type power supply, as some general-purpose power supplies can introduce noise into the signal path.

DIRECT OUT – This output is used to send a balanced signal to a mixing console or recording interface. The signal is switchable between PRE-EQ and POST-EQ sources using the SOURCE switch and includes a PIN 1 (ground lift) switch to eliminate noise due to ground loops between the preamp and external devices. The output is mic level and is protected against phantom power from the mixing board or recording interface.

SPECIFICATIONS:

DIMENSIONS: 6" (152mm) wide x 4.3" (110mm) deep (including jacks) x 2.5" (63mm) high (including knobs and feet)

WEIGHT: 1.1 lb (0.5kg)

POWER SUPPLY: 9VDC-18VDC (low noise type), either polarity, 80mA (minimum rating, user provided)

POWER SUPPLY JACK: 2.1mm center pin with 5.5mm barrel (standard Boss™ power plug dimensions)

INPUT IMPEDANCE: 1 Meg Ohm

INPUT SENSITIVITY (nominal): -10dBu to -20dBu (instrument level)

INPUT SENSITIVITY (maximum): >0dBu (9V supply), >+5dBu (12V supply), >+10dBu (18V supply)

HI-PASS Filter Range: 30Hz – 150Hz, 12dB/octave variable, 6dB/octave fixed

EQ Filter Points:

LOW: +/-15dB shelving below 75Hz

HIGHMID: +/-15dB peak-dip, between 150Hz – 1.8kHz

HIGHMID: +/-15dB peak-dip, between 300Hz – 5kHz

HIGH: +/-15dB shelving above 6kHz

PREAMP OUTPUT IMPEDANCE: 1k ohm (unbalanced), 2k ohm (balanced)

PREAMP OUTPUT LEVEL (nominal): -10dBu to +4dBu (line level)

PREAMP OUTPUT LEVEL (unbalanced maximum): +8dBu (9V supply) +12dBu (12V supply), +16dBu (18V supply)

PREAMP OUTPUT LEVEL (balanced maximum): +14dBu (9V supply) +18dBu (12V supply), +22dBu (18V supply)

DIRECT OUTPUT LEVEL (balanced nominal): -30dBu (mic level)

DIRECT OUTPUT IMPEDANCE: 2k ohm (balanced)

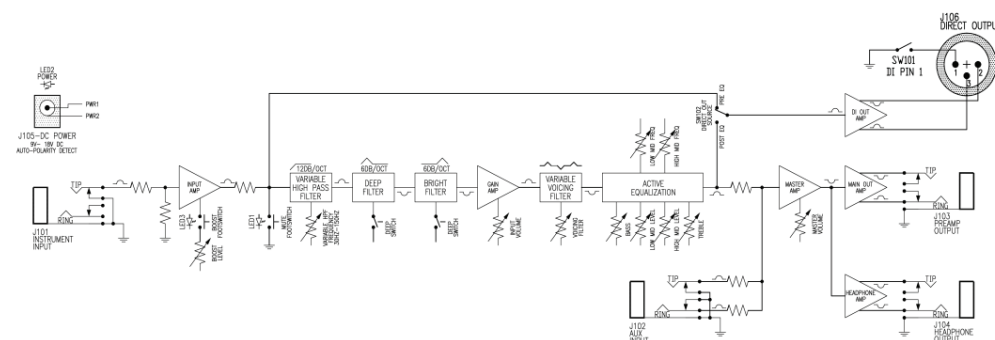
AUX INPUT IMPEDANCE: 15 K Ohm

AUX INPUT LEVEL (nominal): -10dBu, stereo (sums to mono)

AUX INPUT LEVEL (maximum): +10dBu, stereo (sums to mono)

HEADPHONE OUTPUT: Drives headphones and IEM buds from 8 ohms – 200 ohms, stereo output, mono signal.

(Higher impedance headphones, such as 600 ohms, will result in less volume and headroom)



SUBWAY+ MKII BASS DI-PRE BLOCK DIAGRAM

(REVISED 8/15/2025)

MESA/Boogie continually develops new products and improves existing ones. For this reason, specifications and information in this manual are subject to change without notice.

SERVICE INFORMATION:

USA /CANADA Customer Support:

For technical support, troubleshooting, tone questions, settings help, and more...

707-778-6565 Monday-Thursday, 9 AM-5 PM Pacific Time

NOTE: If a rep is not available when you call (helping other customers), PLEASE leave a voice message with a phone number and a good time to call, and we will return your call.

INTERNATIONAL Customer Support:

For warranty and technical support, please contact your LOCAL MESA DISTRIBUTOR. You may use this link to search the web for your local distributor's contact information:

http://www.mesaboogie.com/US/Dealers/exp_select_2.php

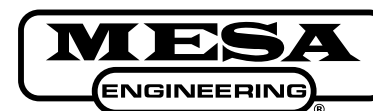


www.mesaboogie.com/support/



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SUBWAY+®
BASS DI-PREAMP II

Quick Start
Owner's Manual