MOOER

LITTLE TANK D15

Modeling Mini Guitar Amplifier Head

Owner's Manual

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Precautions

Please read carefully before proceeding

Ower Supply:

Please connect the designated AC adapter to an AC outlet of the correct voltage. Please be sure to use only an AC adapter which supplies 18V DC, ⊕—●—⊖, 1200mA, center negative. Unplug the AC power adapter when not in use or during electrical storms.

Connections:

Always turn off the power of the D15 and all other equipment before connecting or disconnecting. This will help prevent malfunction and damage to any of the devices. Make sure to unplug all connection cables and power cords before moving this unit. Please be sure to connect the speaker out of the D15 to a speaker load of at least 4ohm rating before operation. Failure to do so could cause damage to the unit.

Location:

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:

- Direct sunlight
- Magnetic fields
- Excessively dusty or dirty location
- Strong vibration or shock
- Heat sources
- Extreme temperature or humidity
- High humidity or moisture

Interference with other electrical devices and Cleaning:

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.
Clean only with a soft, dry cloth.

Handling:

Do not apply excessive force to the switches or controls.
Do not let paper, metal, or other objects into this unit.
Take care not to drop the unit, and do not subject it to shock or excessive pressure.

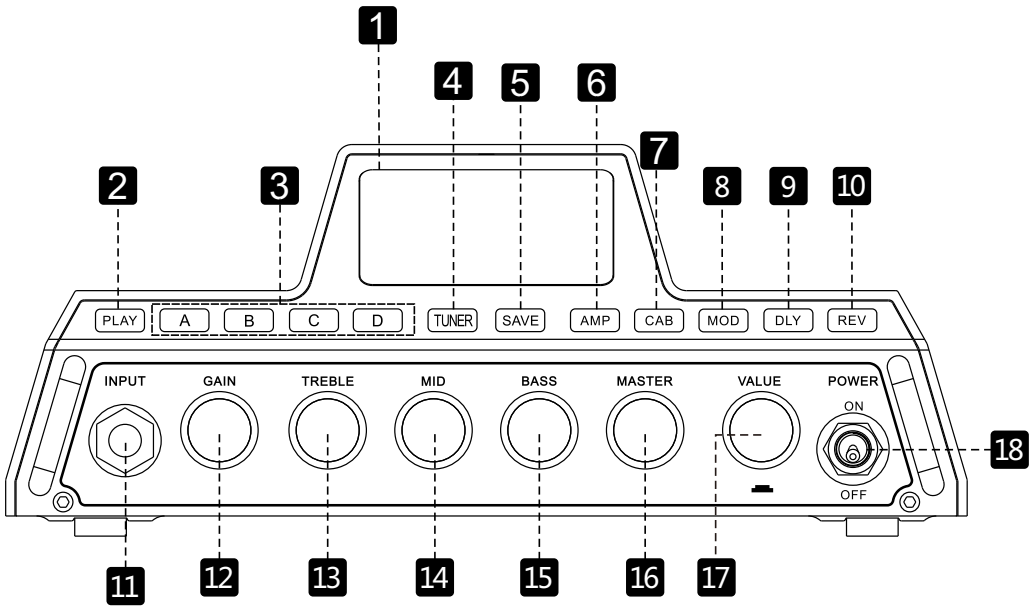
FCC certification

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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Panel Instructions



01 **LCD Display:** Displays the User Interface and provides all information for presets and parameters

02 **PLAY:** Accesses preset page

03 **A、B、C、D:**Quickly recalls 4 of your favorite presets

04 **TUNER:** Accesses the Tuning function page

05 **SAVE:** Access to saving custom user presets

06 **AMP:** Accesses the amp model and amplifier parameters page

07 **CAB:** Accesses the speaker cabinet simulation page

08 **MOD:** Accesses the modulation effects and parameters page

09 **DLY:** Accesses the delay effects and parameters page

10 **REV:** Accesses the reverb effects and parameters page

11 **INPUT:** 1/4” audio jack, for connecting guitar or other instruments

12 **GAIN:** Adjusts the input gain of the selected amp model

13 **TREBLE:** Adjusts the treble frequency of the selected amp model

14 **MID:** Adjusts the middle frequency of the selected amp model

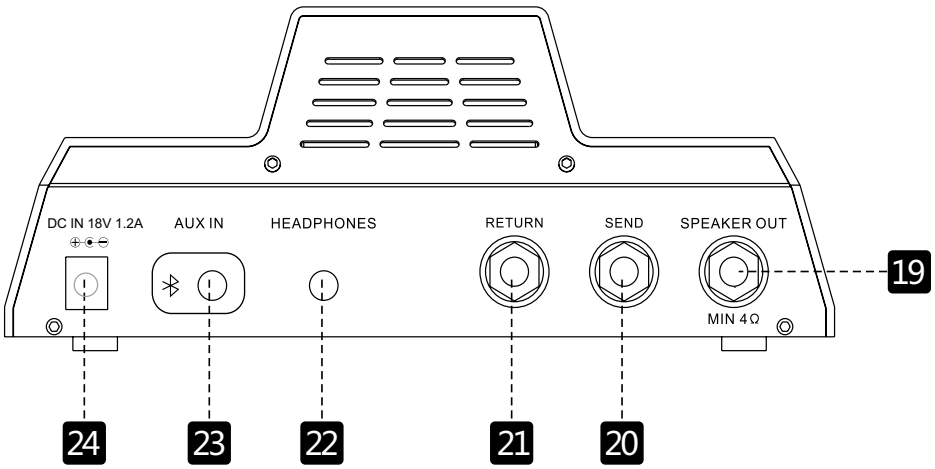
15 **BASS:** Adjusts the bass frequency of the selected amp model

16 **MASTER:** Adjusts the master output volume of the D15

17 **VALUE:** Used for adjusting various parameters and selections within the User Interface

18 **POWER:** Switches the D15 on and off

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19 **SPEAKER OUT:** Connects to an external speaker or speaker load（Please connect 4ohm or over)

20 **SEND:** Connect this to the input of external time based or modulation effects.

21 **RETURN:** Connect this to the output of external time based or modulation effects

22 **HEADPHONES:** Stereo line out for connecting to a headset or other external audio equipment （Main speaker sound is muted when a connector is inserted into the headphones jack)

23 **AUX IN:** Stereo line in for connection to external devices for audio playback.

24 **DC IN:** Connects to the supplied power adaptor（DC 18V1200mA ⊕—●—⊖)

Main Features

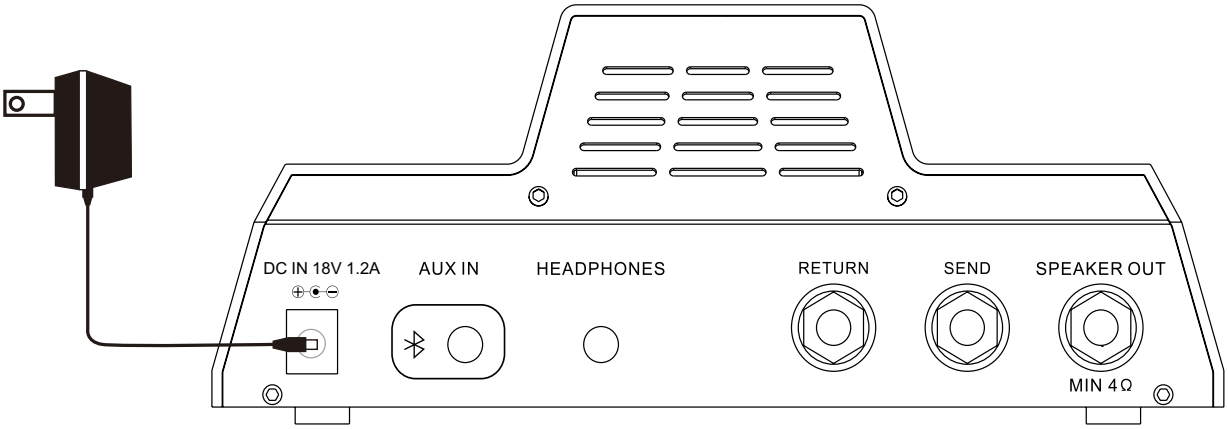
- 25 high quality simulated amp models
- 20 cabinet models
- 9 modulation effects
- 5 different Delay types
- 6 different Reverb types
- 4 quick recall buttons to instantly recall your favorite presets
- Serial effects loop
- Aux in and Bluetooth capabilities for audio playback from an external device
- Built in 15Watt power amp for driving an external guitar cabinet
- Dedicated controls for BASS, MID, TREBLE, GAIN and MASTER VOLUME for fast tone dialing.
- 40 programmable presets
- Built in guitar tuner

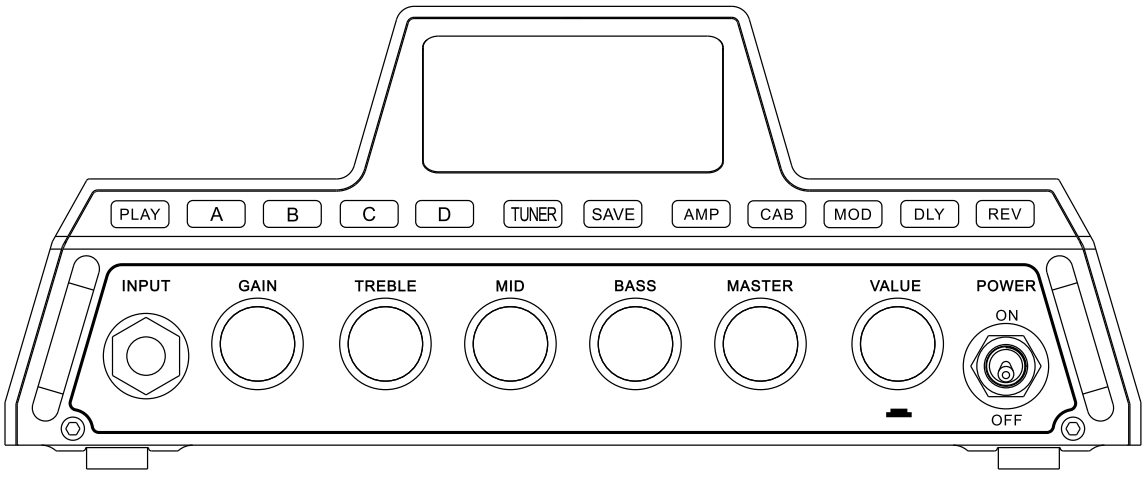
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Operational Guidance

01 Power

Connect the supplied power adaptor to the **DC-IN** jack located on the rear side. 18V, 1200mA, ⊕—●—⊖) Connect a speaker load of at least 4Ohm to the **speaker out.** Connect your instrument to the **Input** jack and power the D-15 on using the **ON/OFF** switch.



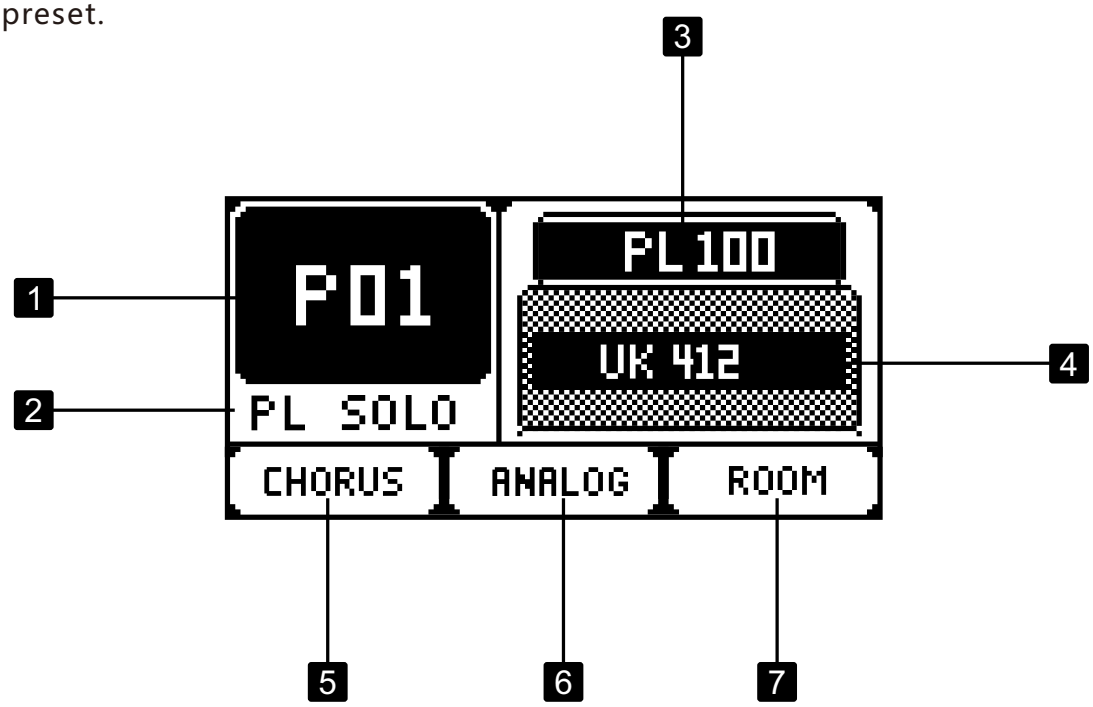


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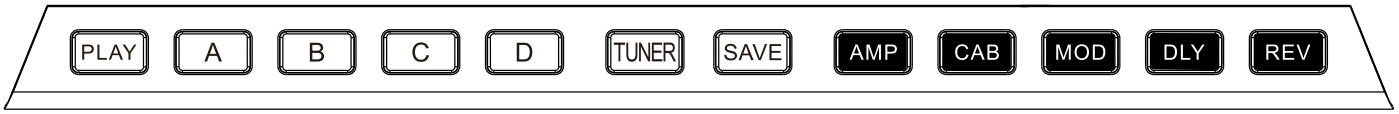
Preset Selection

01 Selecting Presets

Power on the D15 or press the play button to access the preset page. the LCD Display will indicate the information of the current preset. Rotate the **Value** control to change the current selected preset.



1. Preset number
2. Preset name
3. Amp model
4. Cab model
5. Modulation model
6. Delay model
7. Reverb model



Note:1. When changing preset the AMP, CAB and EFFECTS buttons will illuminate if they are active

2.More details will be list on page 17.

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Tone settings

01 AMP Editing



Press the AMP button to access the Amp model page.Press again to active the Amp model. Here you can see the amp model which is selected and the levels of all various amp settings. Rotate the **VALUE** control knob to change the amp model. Pressing the **VALUE** control knob will select different individual parameters which can be easily adjusted by then rotating the **VALUE** control.Press the Amp button to turn off the Amp model while the Amp model is activating.

The following 3 parameters can only be adjusted using the **VALUE** control knob
"VOL" = Preset volume. This allows different Presets to have different relative volumes
"PRE" = Presence. A higher presence value will result in a brighter overall tone and a lower presence value will result in a darker overall tone.
"NG" = Noise-gate. If you are finding that you have unwanted background noise like hiss from using a high gain sound for example, you can adjust the noise gate to remove it.

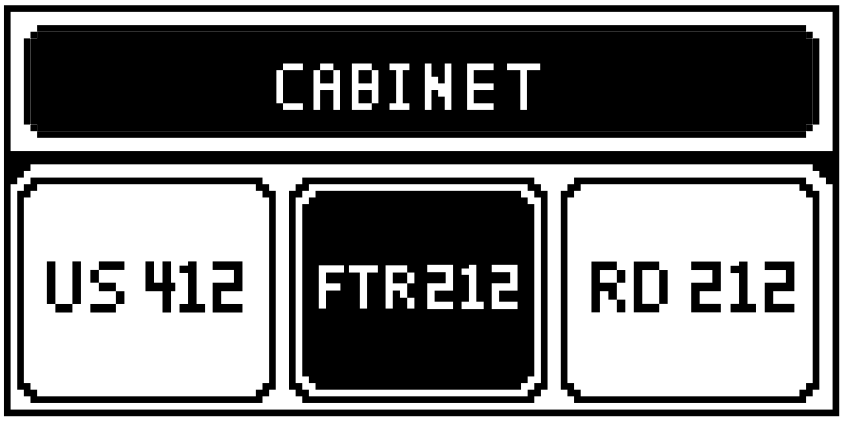
The other parameters represent the regular tone stack and gain controls found on most amplifiers. These can be adjusted using the dedicated control knobs on the front of the **D15** or by using the **VALUE** control.

Pressing the **AMP** button again at any time while in this page will return the selected parameter back to the amp model

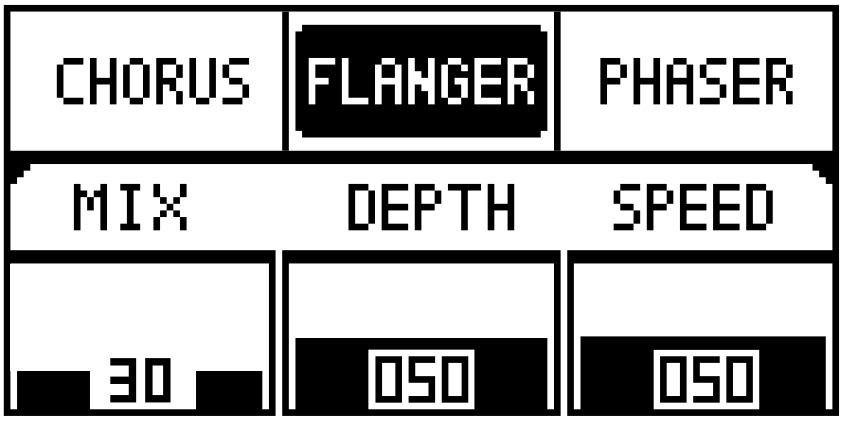
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02 CAB Editing

Press the **CAB** button to access the speaker cabinet simulation page. Rotate the **VALUE** control knob to select a different speaker cabinet



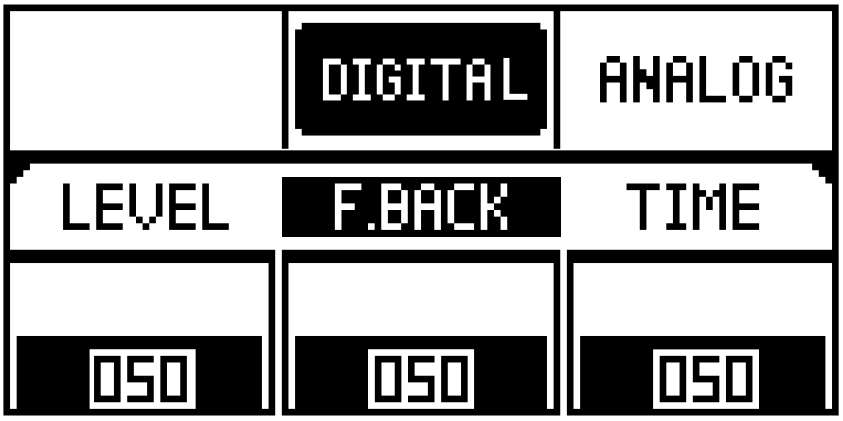
03 MOD Editing



Press the **MOD** button to access the Modulation effect page. Rotating the **VALUE** control knob will select different types of Modulation effects. Pressing the **VALUE** control will select the various parameters which can then be adjusted by rotating the **VALUE** control knob. Pressing the **MOD** button at any time while on this page will return the parameter selection back to the modulation type selector.

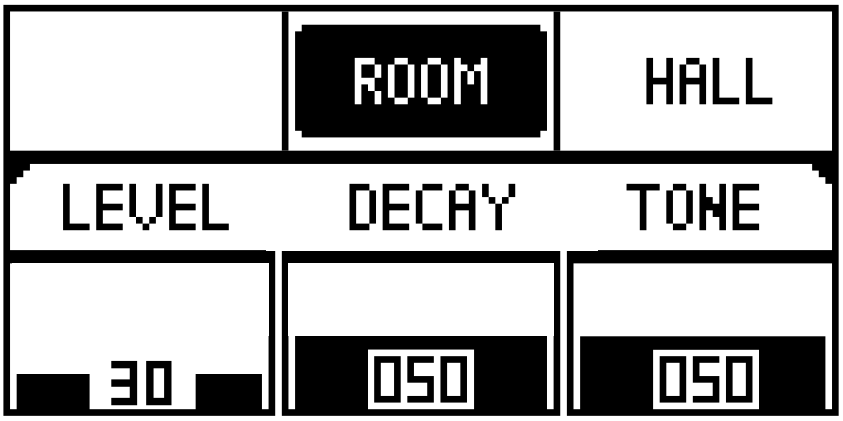
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04 DLY Editing



Press the **DLY** button to access the Delay effects page. Rotating the **VALUE** control knob will select different types of Delay effects. Pressing the **VALUE** control will select the various parameters which can then be adjusted by rotating **the VALUE** control knob. Pressing the **DLY** button at any time while on this page will return the parameter selection back to the delay type selector.

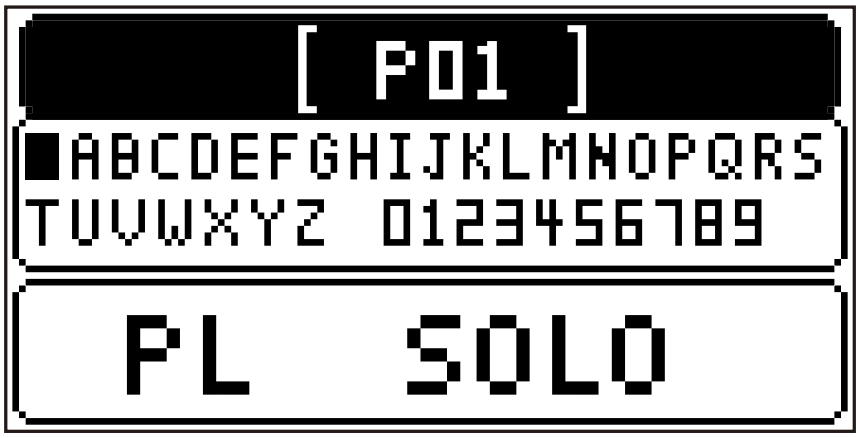
05 REV Editing



Press the **REV** button to access the Reverb effects page. Rotating the **VALUE** control knob will select different types of Reverb effects. Pressing the **VALUE** control will select the various parameters which can then be adjusted by rotating the **VALUE** control knob. Pressing the **REV** button at any time while on this page will return the parameter selection back to the Reverb type selector.

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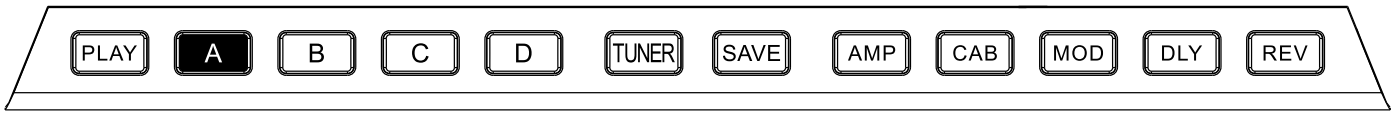
Tone saving



- Press the **SAVE** button at any time to save your current tone and access the preset saving function page.
- Rotate the **VALUE** control knob to select the preset number where you would like to save your tone. Press the VALUE control to switch between the preset number select and the name edit parameters.
- Rotate the **VALUE** control knob to scroll through letters and press the **VALUE** control to select the letter and move to the next character.
- When you're finished press the **SAVE** button again to finish saving. You will be returned to the preset selection page **(PLAY)**

note: . When saving a preset, every parameter will be saved except for the MASTER level control.

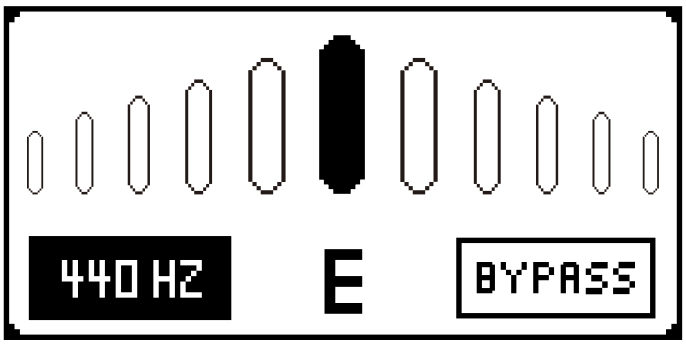
Quick recall buttons



Pressing the quick recall buttons **A,B,C,D,** let you instantly load up your 4 favorite presets. To save a preset to one of the quick recall buttons, simply scroll to that preset whilst in the preset selection page and hold the desired button **A,B,C,D** for at least one second. To quickly recall that preset at any time just press the corresponding "quick recall button".

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Tuner

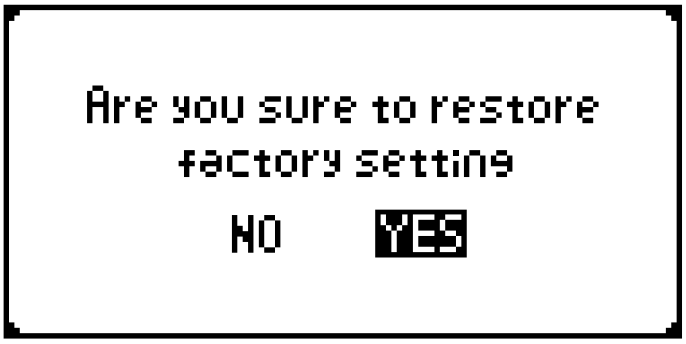


Press the **TUNER** button to access the tuning function page. The tuner is set to A=440Hz as stock, rotate the **VALUE** control to change this calibration.

Press the **VALUE** control to highlight the bypass/mute parameter, rotate the **VALUE** control to switch between muted tuning and bypassed tuning.

Pressing the **TUNER** button again will return you to the same page you were in when you first accessed the tuning function page.

Restore Factory Setting

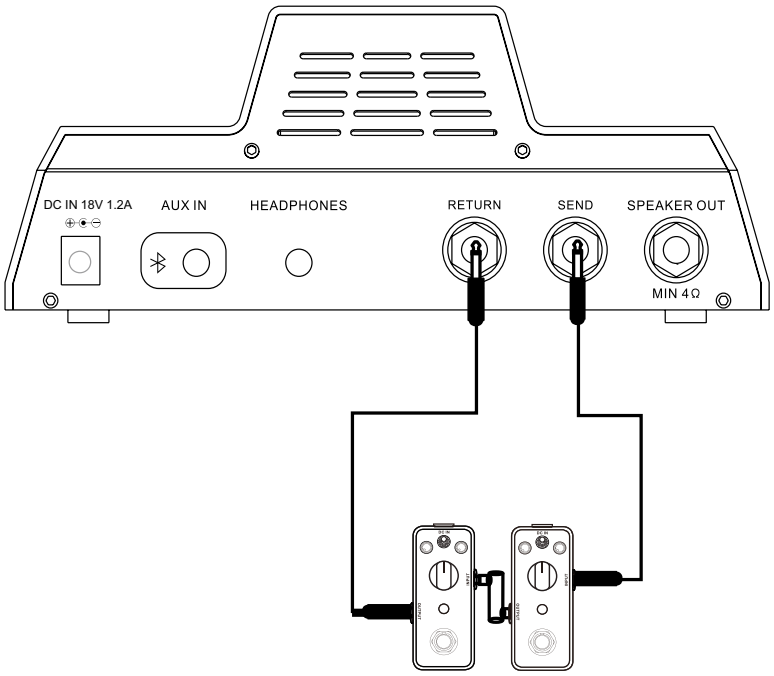


Hold the **PLAY** button for 2 seconds, rotate the **VALUE** control to switch “Yes” or “No” to restore factory setting.

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FX LOOP

The D15 comes complete with a serial effects loop for easy integration with your favorite external effects.



Connect the **SEND** from the D15 to the input of your external effects. Connect the output of your external effects to the **RETURN** of the D15.

It is recommended to only use time based effects, modulations and reverbs in the effects loop for best results.

AUX IN and Bluetooth

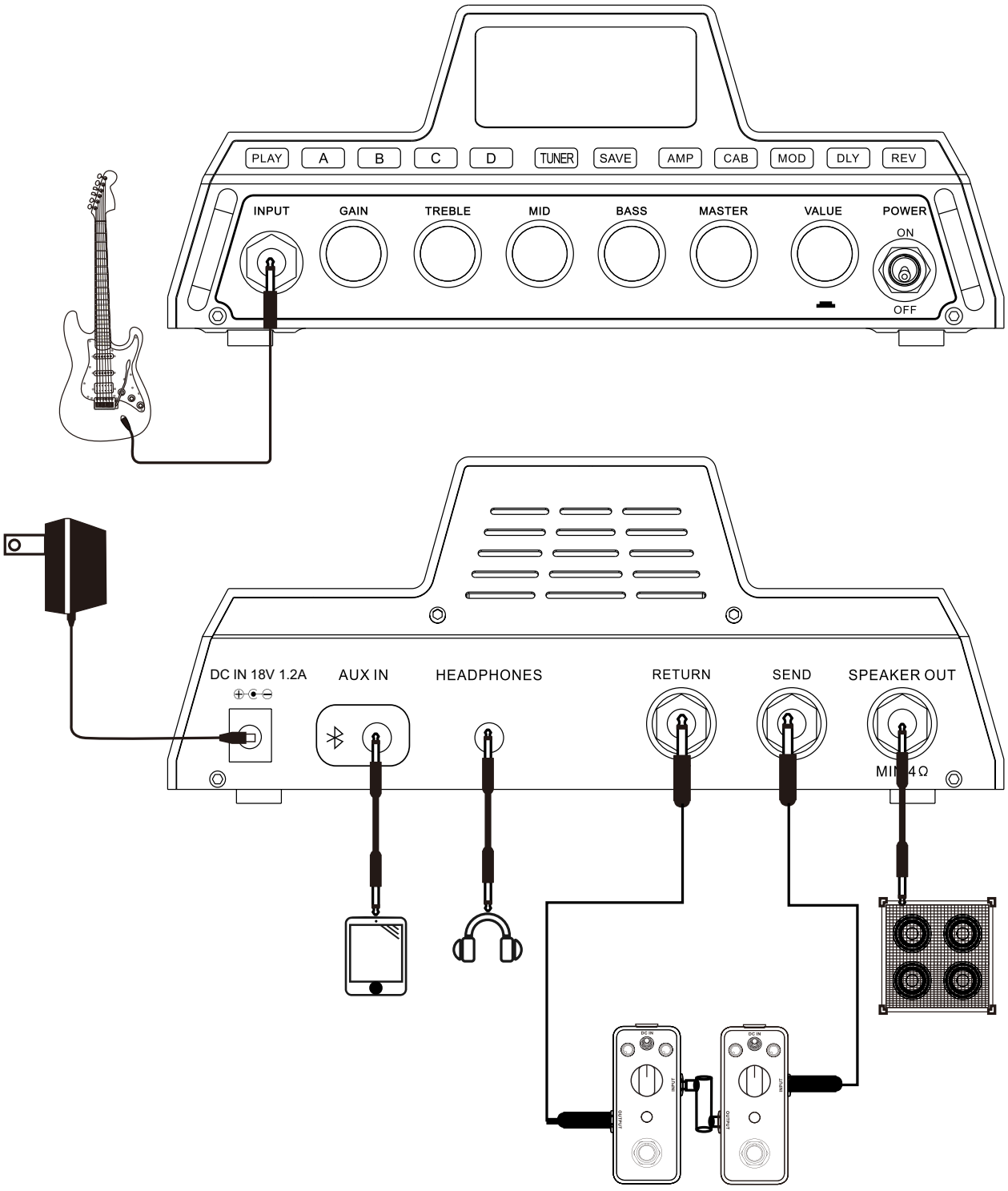
The D-15 has two methods of connecting to external devices for the means of audio playback. **AUX IN** and **Bluetooth**.

AUX IN: Connect to this input using a mini stereo jack.

Bluetooth: Turn on the Little Tank. Open your bluetooth device such as cellphone or ipad and search for "MOOER TANK D15". The connection code is “**0000**”. After connecting you can play your music or other audio files directly through the D15 Little Tank.

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Connections



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Effect Explanation

AMP		
NO.	Name	Specifications
1	AMP OFF	OFF
2	Uk30	Based on VOX AC30 Normal
3	Uk800 CL	Based on MARSHALL JCM 800 Clean
4	TRIPLE	Based on MESA triple rectifier
5	MK IV	Based on MESA MK IV
6	F.CLEAN	Based on FENDER TWIN REVERB
7	Uk900 CL	Based on MARSHALL JCM 900 CLEAN
8	JZ CLEAN	Based on ROLAND Jc120
9	BSM 59	Based on FENDER BASSMAN
10	PL 100	Based on MARSHALL PLEXI LEAD 100
11	PV 5150	Based on PEAVEY 5150
12	UK-J45	Based on MARSHALL JTM- 45
13	HW 103	Based on HIWATT Dr103
14	SLO100	Based on SOLDANO SLO100
15	MATCH30	Based on MATCHLESS Dc30
16	ADC30	Based on ORANGE AD30TC
17	ROCK 50	Based on ORANGE ROCKERVERB 50
18	Uk800 DS	Based on MARSHALL JCM 800 DIST
19	POWER DS	Based on ENGL POWERBALL
20	MOGNER	Based on BOGNER UBERSCHALL
21	JRT915	Based on DIVIDED BY 13 JRT 9/15
22	F.CRUNCH	Based on FENDER DELUXE REVERB
23	MOOER RC	Based on MOOER ROCK
24	MOOER CL	Based on MOOER CLASS A
25	MOOER CR	Based on MOOER CRUNCH
26	MOOER MT	Based on MOOER METAL

***NOTES:** All product name called their company, here is only used in this product simulation effect of tone types.

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CAB		
NO.	Name	Specifications
1	OFF	OFF
2	UK 212	Based on VOX AC30 212 cab
3	UK 412	Based on Marshall 1960A 412 G12T-75 cab
4	US 412	Based on Mesa Boogie Rectifier 412 cab
5	FTR 212	Based on FENDER TWIN REVERB 212 cab
6	RD 212	Based on ROLAND JC120 212 cab
7	BSM 410	Based on FENDER BASSMAN 410 cab
8	PV 412	Based on PEAVEY VK412 cab
9	HIWAY 412	Based on HIWATT HG 412 cab
10	SLO100 412	Based on SOLDANO 412 cab
11	MATCH 212	Based on MATCHLESS DC30 212 cab
12	OG 412	Based on ORANGE PPC412 cab
13	OG 212	Based on ORANGE ROCKERVERB 50 212 cab
14	EG 412	Based on ENGL 412 PRO cab
15	MOGNER 412	Based on BOGNER 412 cab
16	DIVIDE 212	Based on DIVIDED By 13 212 cab
17	FDR 212	Based on FENDER DELUXE REVERB 212 cab
18	MOOER 112	Based on MOOER cab
19	MOOER 212	Based on MOOER cab
20	MOOER 412OB	Based on MOOER cab
21	MOOER 412CB	Based on MOOER cab

***NOTES:** All product name called their company, here is only used in this product simulation effect of tone types.

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MOD		
NO.	Name	Specifications
1	OFF	OFF
2	CHORUS	This effect creates a shining dimensional sound.
3	FLANGER	This effect produces an undulating and floating sound.
4	PHASER	This effect creates a pulsing-like sound.
5	TREMOLO	This effect periodically influences the volume of the signal.
6	VIBRATO	This effect produces an intense vibrato sound.
7	FILTER	This effect produces a sweeping filter sound.
8	RING MOD	This effect produces a sound which sounds like a ring bell.
9	STUTTER	This effect rhythmically cuts your sound similar to a killswitch.
10	PITCH	This effect produces a sound which sounds like a pitch.

DELAY		
NO.	Name	Specifications
1	OFF	OFF
2	DIGITAL	Repeats the signal with no special processing, creates the most clean delay sound.
3	ANALOG	Simulates analog delay equipment, produces a warm and vintage delay sound.
4	DYNAMIC	The delay sound is low while playing, but increases when playing stops.
5	ECHO	Simulates the sound of a real Echo, authentic and natural delay sound.
6	TP ECHO	Simulates a vintage Tape Echo machine

REVERB		
NO.	Name	Specifications
1	OFF	OFF
2	ROOM	Simulates the acoustics of a room
3	HALL	Simulates the acoustics of a concert hall.
4	CHURCH	Simulates the acoustics of a big church.
5	PLATE	Simulates Plate reverberation.
6	MOD	Adds chorus effect to a hall reverb.
7	SPRING	Similar to plate reverb but the effect is obtained from a vibrating spring, resulting in a very characteristic sound.

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Specifications

No. of Effect Modules:	5 modules
No. of Effect Types:	65 Effect types
Preset Patch Memory:	40 patches
Input Jack:	1/4” mono audio jack
Speaker Out :	1/4” mono audio jack,connect over 4ohm speaker
Send/Return:	1/4 ”mono audio jack
Headphone out:	1/8” stereo audio jack
Power requirements:	AC adapter 18VDC,1200mA,⊕—●—⊖
Watt:	15watt
Dimensions:	186mm X 96.5mm X 75.8mm
Weight:	0.67KG
Accessories:	Owner’s Manual,18V DC Power Supply
Bluetooth:	The connection code is “**0000**”

Troubleshooting

Can not power on:
Check power connection——Make sure the power is connected correctly.
Check the adapter——Make sure the adapter’s type is DC 18V/1200mA/⊕—●—⊖

No sound or low volume:
Check connection of cables——Make sure all the cables are connected firmly.
Check the on/off switch and the volume setting of amp——Make sure each equipment’s volume is set to an appropriate level.
Make sure that the D-15 has a speaker load connected to the speaker out or a secure connection to the **HEADPHONES** output

High noise:
Check the adapter——Make sure the adapter’s type is DC 18V/1200mA/⊕—●—⊖
Check the cables——Make sure the cables are connected firmly and have no quality problem.

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Patch List

No.	Name of preset
1	BSM
2	SOLOMAN
3	JC ROOM
4	ROCK80
5	SWEET OD
6	EXTREME6
7	FUSION
8	POWER8
9	OLDTIMEY
10	SINE800
11	GOLDEN
12	POP CLN
13	TUBE
14	70 CLUB
15	SPRING
16	HEAVY
17	SYCAMORE
18	AUTOWAH
19	PH CLN
20	GOD LOVE

No.	Name of preset
21	77 DIST
22	NO DR
23	2P2
24	NU GUNS
25	AUTUMN
26	3RD
27	NEW
28	B FACE
29	DYN SOLO
30	LOFI
31	FUSION2
32	SHINE
33	GYRATE
34	BACK
35	SECRET
36	WHITE
37	FEEDBACK
38	DARK
39	CONFUSED
40	DUALCORE

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