

MCCER

SD30 
SD75 

Owner's Manual

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INTRODUCTION

The SD amplifier series is a harmonious marriage between MOOER's famous digital preamp technology and a new take on traditional solid-state Class A/B amplification techniques, that deliver professional "tube like" performance, touch and feel, at entry level prices.

Each model in the SD series comes fully loaded with a whole host of special-features and effects, that provide everything you need to craft incredible guitar tones for creating music on-stage or in the practice room. These tones can be stored within 40 preset slots and easily recalled using the proprietary wireless footswitch.

SD amps have a unique JAM section that contains a whole suite of tools for solo performers and creative aficionados alike, such as an integrated looper, syncable drum machine and Bluetooth connection for playback of your favourite audio tracks from an external device.

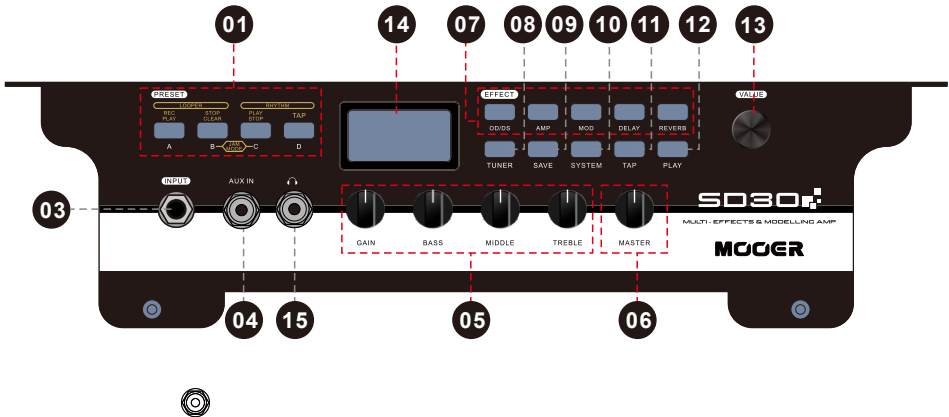
The combo amps currently available in 30Watt and 75Watt versions, house custom-built guitar speakers, designed to deliver rich harmonics and enhanced feel with clarity, articulation and dynamics throughout the amplifiers full volume range.

FEATURES

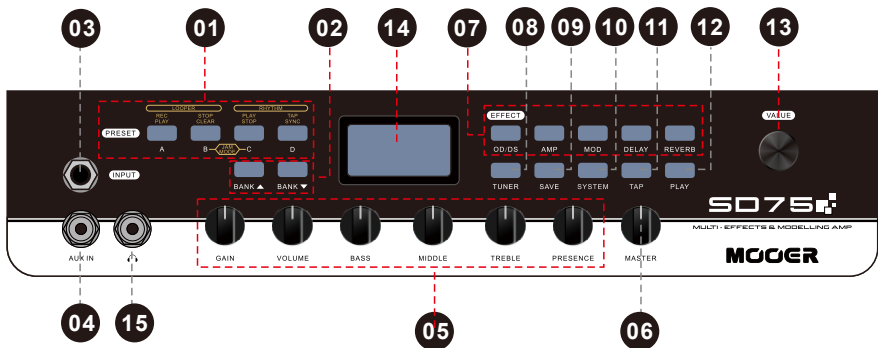
- 25 Digital preamp models based on MOOER's unique digital preamp modelling technology, coupled with a Class A/B power amp, delivers tube like tone and response
- 29 integrated stompboxes including 8 drive pedals, 9 modulation pedals, 5 delay pedals (w/tap tempo), 6 reverb types and a precision chromatic tuner
- JAM section provides the ultimate in solo performance and practice facilities. Including a looper, syncable drum machine, AUX IN and Bluetooth connections for audio playback
- 40 preset slots to backup and recall your favourite tone settings. These can be easily recalled using the proprietary wireless footswitch (incl. with SD75)
- Independent control knobs for main amp parameters allows fast and intuitive tone setup
- Professional custom guitar speaker delivers fantastic tone
- Optional balanced output with integrated cabinet simulation for direct connection to PA and audio interface (SD75 Only)
- Independent headphone output with cabinet simulation for silent practice
- Serial FX LOOP for easy integration with your favourite effects pedals
- SPEAKER OUT for connection to external speaker cabinets

TOP PANEL LAYOUT


SO30



SO75



TOP PANEL LAYOUT

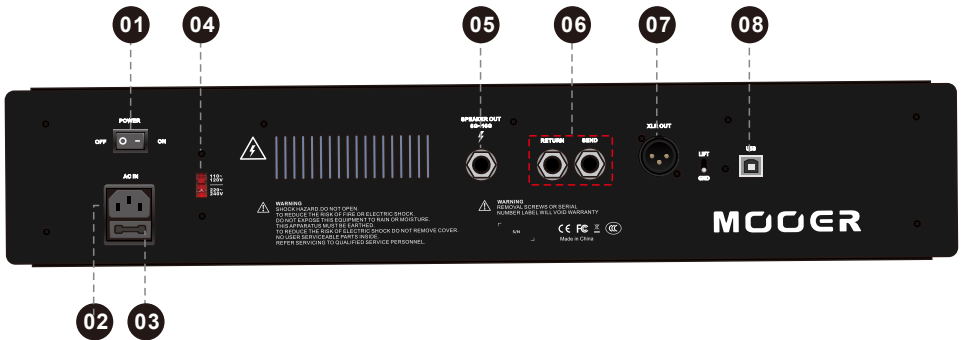
- 01 PRESET: Press to recall presets
- 02 BANK ▲▼: Press to change preset bank
- 03 INPUT: Connect guitar
- 04 AUX IN: Connect external media device for audio playback
- 05 PREAMP CONTROLS: Quickly dial in the tone of your preamp model. Each of these parameters are stored per preset and the position of the knob does not represent the current parameter setting when a preset is recalled. Turn any of these knobs to activate them. They will remain active until you select a different preset, at which time it becomes inactive again.
 - GAIN – Adjusts preamp model input gain
 - VOLUME – Adjusts preset volume
 - BASS – Adjusts preamp model low frequencies
 - MIDDLE – Adjusts preamp model mid frequencies
 - TREBLE – Adjusts preamp model high frequencies
 - PRESENCE – Preset brightness control
- 06 MASTER: Global amplifier output volume control
- 07 EFFECT: Press to turn effect block on/off and enter respective effect editing menu.
 - OD/DS – Overdrive and distortion pedals
 - AMP – Preamp model and noise gate
 - MOD – Modulation pedals
 - DELAY – Delay effects
 - REVERB – Reverb effects
- 08 TUNER: Press to enter/exit the chromatic guitar tuner
- 09 SAVE: Press to save preset
- 10 SYSTEM: Press to enter/exit system settings menu
- 11 TAP: Press 2 or more times to operate TAP TEMPO. The DELAY effect's delay time will synchronize with the rhythm you enter using this button
- 12 PLAY: Press to return to the PLAY SCREEN
- 13 VALUE: Rotate and press to adjust settings within the various screens and menus
- 14 LCD SCREEN: Displays various screens and menus
- 15 : Stereo headphone output

BACK PANEL LAYOUT

SD30



SD75



BACK PANEL LAYOUT

- 01 **POWER:** Toggles power on/off to the amplifier
- 02 **AC IN:** Connect 3 pin grounded AC power cord
- 03 **POWER FUSE:** Contains the main power protection fuse and a backup replacement fuse. If the amplifier cannot power on, inspect the protection fuse and replace if necessary.
 - T500mA - 220V-240V
 - T1000mA- 100V-120V
- 04 **AC VOLTAGE:** Select correct setting for your current region. Please note that the correct POWER FUSE must also be installed. DO NOT change this setting with a power cord connected to your amplifier.
- 05 **SPEAKER OUT:** Connect to an external speaker with an impedance of 8Ω - 16Ω
- 06 **EFFECTS LOOP :** Easily integrate your favourite external effects by connecting them to the effects loop
 - SEND – Effects send (preamp out) – Connect to the input of external effects
 - RETURN – Effects return (Power amp in) – Connect to the output of external effects
- 07 **XLR OUT:** Direct audio out with optional speaker cabinet simulation and ground lift switch. For connection direct to PA or audio interface.
- 08 **USB:** Connect to computer for firmware updates

GETTING STARTED

01 OFF



Ensure the power switch is set to OFF (O)

02



Connect a 3 pin grounded ACC ORD to the AC IN

03



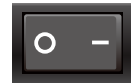
Connect a guitar to the INPUT

04



Set the MASTER control fully counter-clockwise

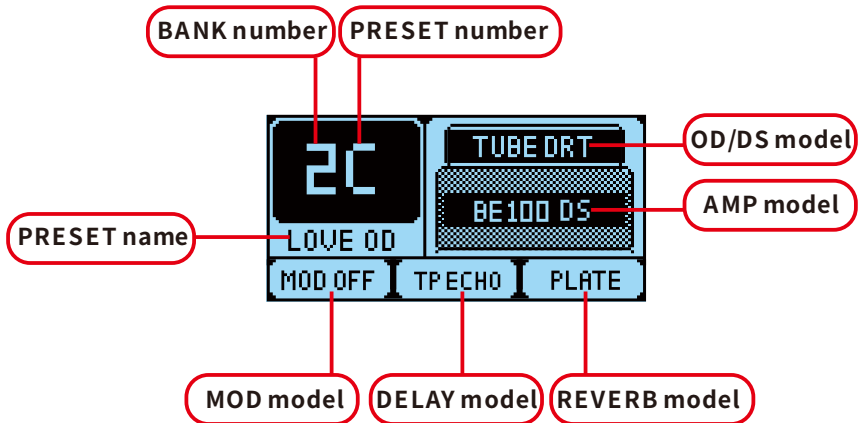
05



Set the power switch to ON (I)

PLAY SCREEN

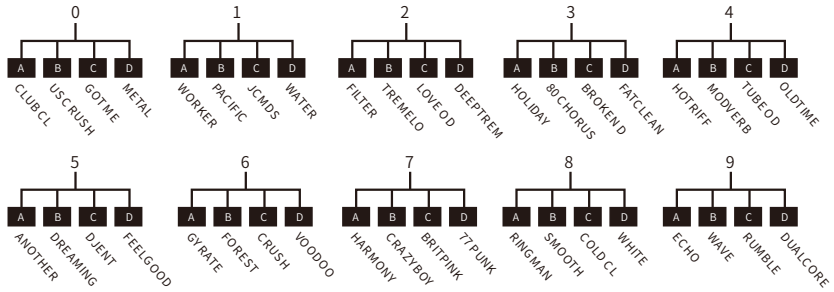
The PLAY SCREEN is the default screen of your SD amplifier and displays various information



You can return to the PLAY SCREEN at any time by pressing the PLAY button

SELECTING PRESETS

SD30/SD75 have 40 presets in total. These are organised into 10 banks (0 – 9) of 4 (A, B, C, D).

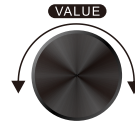


There are 3 ways to change between presets.

1. Rotate the VALUE c control when on the PLAY S CREEN to scroll through presets.



PLAY



2. Press BANK ▲▼ to select a bank

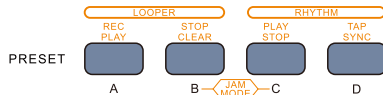


BANK ▲

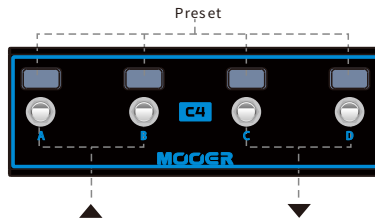


BANK ▼

- Press PRESET A B C D t o select a preset.



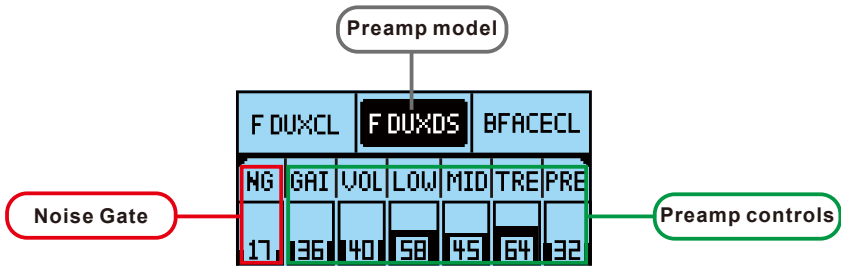
3. Pair the wireless footswitch included with your amplifier



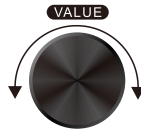
- Press footswitches A + B s imultaneously for BANK ▲
- Press footswitches C + D s imultaneously for BANK ▼
- Press footswitch A, B, C, or D to select a corresponding preset

EDITING PRESETS

Press the AMP button to enter the AMP edit screen



Rotate the VALUE control to select an amp model



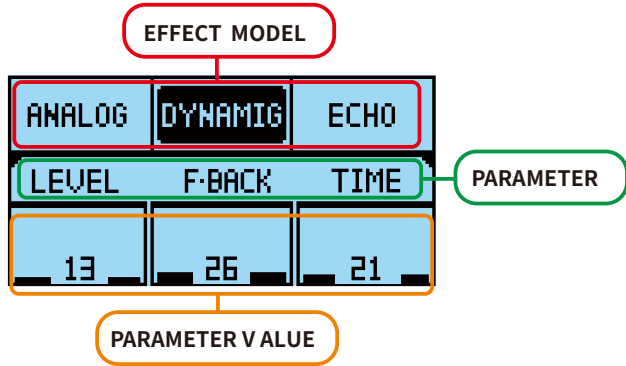
You can use the AMP CONTROLS to adjust the main amp parameter settings



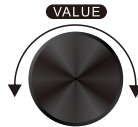
Press the value control to highlight other parameters such as NG and then rotate the VALUE CONTROL to adjust the parameter setting.

EDITING PRESETS

Press an effect button to navigate to its edit screen
Press this button again to toggle the effect on/off



Rotate the VALUE control to select an effect model



Press the VALUE control to highlight effect parameter
Rotate the VALUE control to adjust parameter settings



Press the PLAY button when you are finished editing to return to the PLAY screen. Don't forget to save your preset if you want to keep it.

SAVING PRESETS

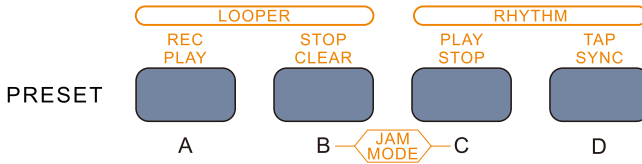
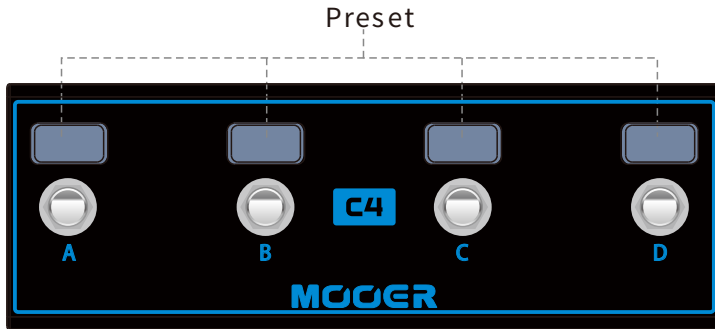
Press the save button to enter the preset save screen



- Rotate the VALUE control to select the target preset number. Press to accept
- Enter your new preset name using the keypad. Press VALUE to select a character, rotate VALUE to change it
- Press the SAVE button to complete the saving procedure
Press the PLAY button to cancel saving

PAIRING WIRELESS FOOTSWITCH

When the wireless footswitch is connected to SD30/SD75 It's 4 footswitches A, B, C, and D, directly mirror the functions of the PRESET buttons.



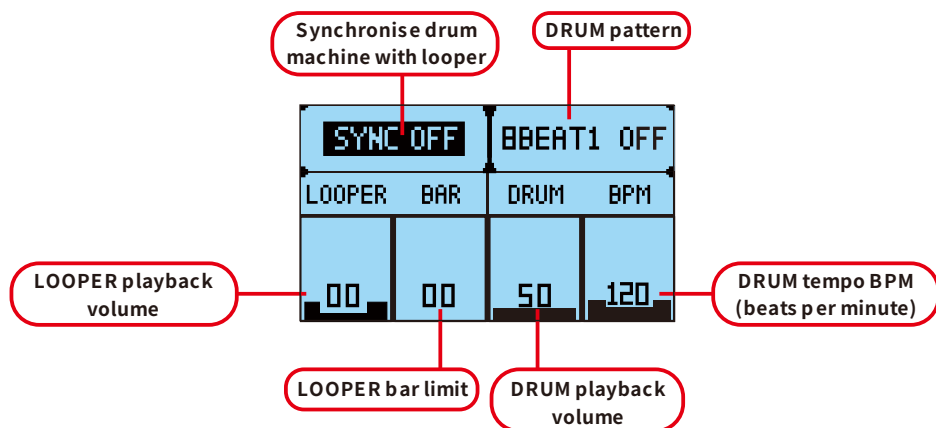
- Ensure the SD amplifier is turned off
- Press and hold footswitches C + D on the wireless controller
- Power on the amplifier
- Release the footswitches when the amplifier has finished booting up
- Set WL-FS to ON in the SYSTEM SETTINGS

JAM MODE

Your new SD amplifier is fully equipped with a 150 second looper and drum machine which make fantastic tools for practice and solo performance. These features can be found in JAM MODE.

When the wireless footswitch is connected to your shadow amp, the footswitches can be used exactly the same way as the PRESET buttons to control the looper and drum machine.

Press B + C on the PRESET buttons or on your wireless footswitch to enter/exit JAM MODE



DRUM MACHINE

- Select a drum pattern using the VALUE control
- Set a tempo for your drum machine using the VALUE control or using PRESET D to tap a tempo
- Press PRESET C to start/stop the drum machine

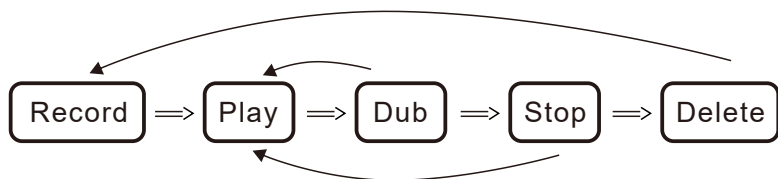
If SYNC is set to ON, the drum machine will automatically begin when you start recording with the LOOPER.

LOOPER

The looper in SD amps has 2 main operating modes. FREE LOOP and BAR LOOP.

FREE LOOP is exactly the same as our popular MICRO LOOPER. You can record and overdub loops completely free of any tempo constraints.

- RECORD – Press PRESET A to begin recording a loop
- PLAY- Press PRESET A to stop recording and immediately playback the loop you just recorded. If the loop playback has been stopped but the loop has not been deleted, you can also use this button to begin playback.
- DUB – Press PRESET A during playback to toggle dub recording on/off and add extra layers to your loop
- STOP – Press PRESET B to stop playback of your loop
- DELETE – Press and hold PRESET B to delete the loop currently in memory

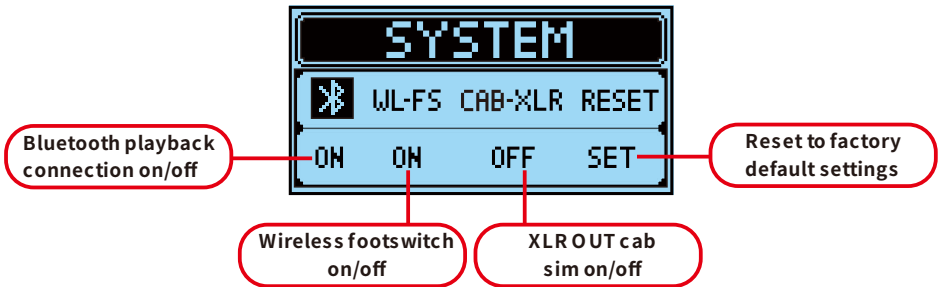


BAR LOOP restricts the length of the master loop to a set number of bars, depicted by the LOOPER bar limit. This is useful because the drum will be in synchronization with your loop and the count-in feature allows you to easily use the looper without the wireless footswitch connected.

- Set a tempo using the VALUE control or PRESET D
- Set a LOOPER bar limit using the VALUE control
- Press PRESET A to begin recording your master loop. The looper will count you in for 1 bar before recording to make sure you are in time with the tempo
- After the LOOPER bar limit has been reached, the looper will automatically stop recording and

SYSTEM SETTINGS

Press the SYSTEM button to enter the system settings menu screen

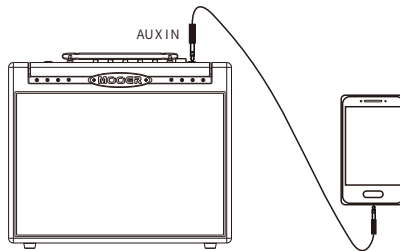


AUDIO PLAYBACK


SD amps have the ability to playback audio from your favourite external media device. There are different ways to connect external devices with SD amps for music playback.

- AUX IN -

Connect your external device to the AUX IN input using a 1/8" TRS stereo jack. Control the playback volume from your external device.



- BLUETOOTH CONNECTION -

- Open the SYSTEM menu and select the  button to turn on Bluetooth
- Open your external device and ensure Bluetooth is active
- Search for Bluetooth devices on your external device, your amp will appear as MOOER SDAMP™
- Select MOOER SDAMP™ to connect to your SD amplifier
- Control the playback volume from your external device

SPECIFICATIONS

AMP MODELS: 25

EFFECTS BLOCKS: DS/OD MOD DELAY REVERB

EFFECTS: 8 9 5 6

LOOPER: 150 seconds

DRUM PATTERNS: 40

METRONOME: 10

PRESETS: 40

INPUT: 1/4" mono audio jack

AUX IN: 1/8" stereo audio jack

SEND/RETURN: 1/4" mono audio jack

LINE OUT: XLR (SD75)

HEADPHONE OUT: 1/8" stereo audio jack

SPEAKER OUT: 8 Ω -16 Ω 30Watts 1/8" mono jack (unbalanced speaker cable)

8 Ω -16 Ω 75Watts 1/8" mono jack (unbalanced speaker cable)

POWER: 30 Watts (SD30)

75 Watts (SD75)

USB: Type-B

POWER IN: 220V-240V AC 1 00V-120V AC

POWER FUSE: T500mA T1000mA

SPEAKER: 1 x 8" Custom 50W 8 Ω Driver (SD30)

1 x 12" Custom 100W 8 Ω Driver (SD75)

Dimensions: SD30 > 420mm(L) x 217mm(D) x 368mm(H)

SD75 > 570mm(L) x 275mm(D) x 465mm(H)

Weight: SD30 8.3Kg

SD75 16Kg

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