MOOER

SD30
SD75

Owner's Manual
用户手册
Bedienungsanleitung
Manual do Proprietário
Manual de uso
取扱説明書
Manuel D'Utilisation

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

SD30
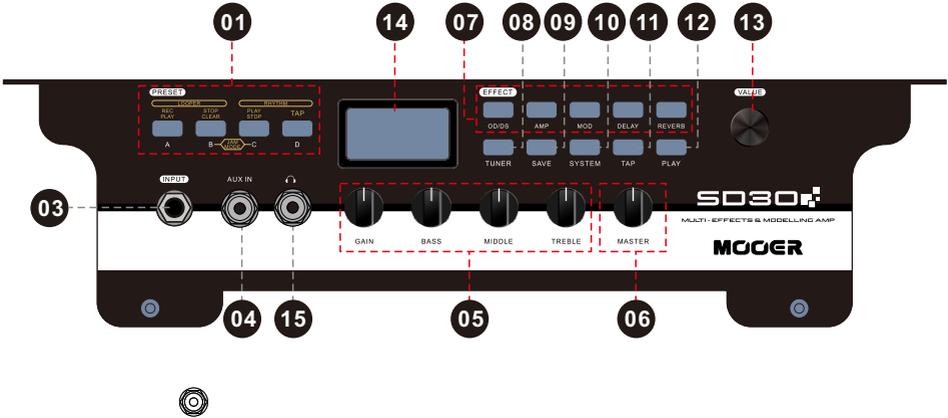
SD75
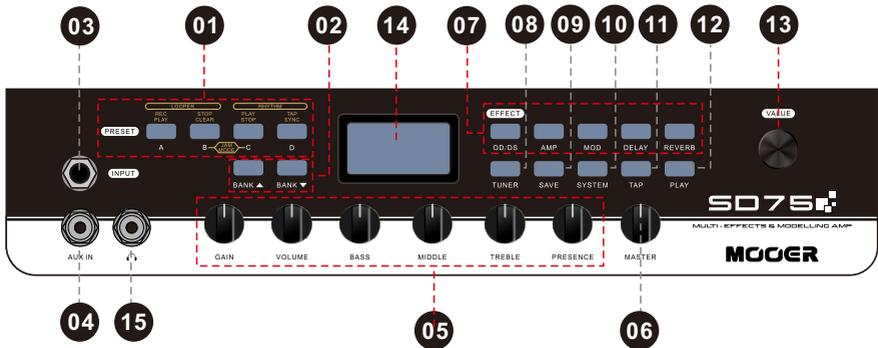
TOP PANEL LAYOUT

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

01 **04** **06** **08** **05**

POWER
OFF ON

AC IN

110V-120V
220V-240V

RETURN SEND

USB

SPEAKER OUT
8Ω-16Ω

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WARNING
SHOCK HAZARD DO NOT OPEN.
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK.
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
THIS APPARATUS MUST BE EARTHED.
TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER.
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING
REMOVAL SCREWS OR SERIAL
NUMBER LABEL WILL VOID WARRANTY

S/N

CE FC Ⓧ ⚶
Made in China

02 **03**

SD75

01 **04** **05** **06** **07** **08**

POWER
OFF ON

AC IN

110V-120V
220V-240V

SPEAKER OUT
8Ω-16Ω

RETURN SEND

XLR OUT

LIFT
GND

USB

WARNING
SHOCK HAZARD DO NOT OPEN.
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S/N

CE FC Ⓧ ⓒⓒ
Made in China

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02 **03**

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

AC IN

Connect a 3 pin grounded
AC CORD to the AC IN

03 INPUT

Connect a guitar to the
INPUT

04

MASTER

Set the MASTER control fully
counter-clockwise

05 ON

Set the power switch
to ON (I)

PLAY SCREEN

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

BANK number   **PRESET number**

OD/DS model

TUBE DRT

AMP model

BE100 DS

PRESET name

2C
LOVE OD

MOD OFF   TP ECHO   PLATE

MOD model   **DELAY model**   **REVERB model**
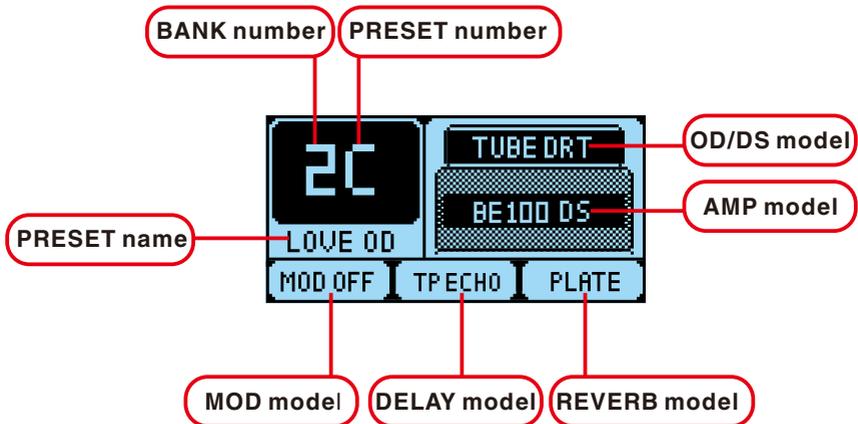
You can return to the PLAY SCREEN at any time by pressing the PLAY button

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SELECTING PRESETS

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

0				1				2				3				4			
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
CLUB CL	US CRUSH	GOT ME	METAL	WORKER	PACIFIC	JCMDS	WATER	FILTER	TREMELO	LOVE OD	DEEPTREM	HOLIDAY	80 CHORUS	BROKEN D	FATCLEAN	HOTRIFF	MODVERB	TUBE OD	OLDTIME

5				6				7				8				9			
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
ANOTHER	DREAMING	DJENT	FEELGOOD	GYRATE	FOREST	CRUSH	VOODOO	HARMONY	CRAZYBOY	BRITPINK	77 PUNK	RINGMAN	SMOOTH	COLD CL	WHITE	ECHO	WAVE	RUMBLE	DUALCORE

There are 3 ways to change between presets.

**1.** Rotate the VALUE control when on the PLAY SCREEN to scroll through presets.

```
2C        TUBE DRT
          BE100 DS
LOVE OD
MOD OFF  TP ECHO  PLATE
```

PLAY

VALUE
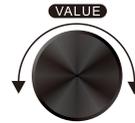
2. Press BANK ▲ ▼ to select a bank
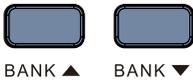
BANK ▲   BANK ▼

Press PRESET A B C D to select a preset.

	LOOPER		RHYTHM	
	REC PLAY	STOP CLEAR	PLAY STOP	TAP SYNC
PRESET	A	B	C	D

JAM MODE
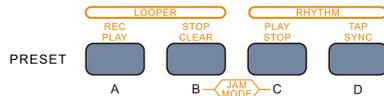
3. Pair the wireless footswitch included with your amplifier

Preset

C4

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▲   ▼
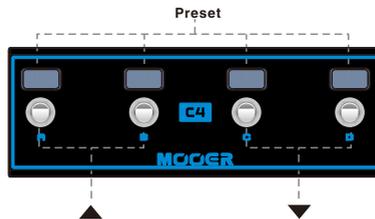
Press footswitches A + B simultaneously for **BANK ▲**
Press footswitches C + D simultaneously for **BANK ▼**
Press footswitch **A, B, C,** or **D** to select a corresponding preset

EDITING PRESETS

Press the AMP button to enter the AMP edit screen

OD/DS   AMP   MOD   DELAY   REVERB

Preamp model

F DUXCL   F DUXDS   BFACECL

NG GAI VOL LOW MID TRE PRE

Noise Gate

17 36 40 58 45 64 32
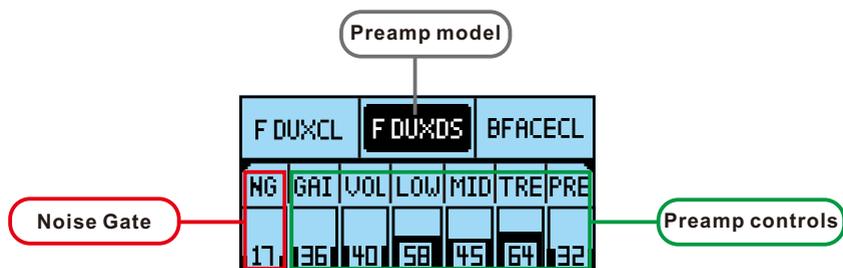
Preamp controls

Rotate the VALUE control to select an amp model

VALUE

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

GAIN   VOLUME   BASS   MIDDLE   TREBLE   PRESENCE

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

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EDITING PRESETS

Press an effect button to navigate to it's edit screen
Press this button again to toggle the effect on/off

OD/DS   AMP   MOD   DELAY   REVERB

EFFECT MODEL

ANALOG	DYNAMIG	ECHO
LEVEL	F·BACK	TIME
13	26	21

PARAMETER
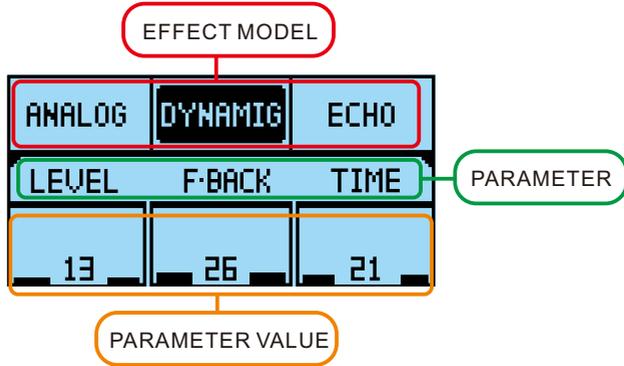
PARAMETER VALUE

Rotate the VALUE control to select an effect model
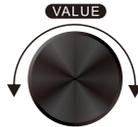
VALUE

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

PLAY

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

PRESET NUMBER

KEYPAD

PRESET NAME

- 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

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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.

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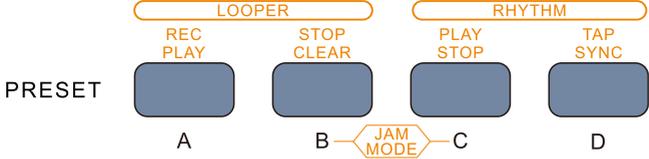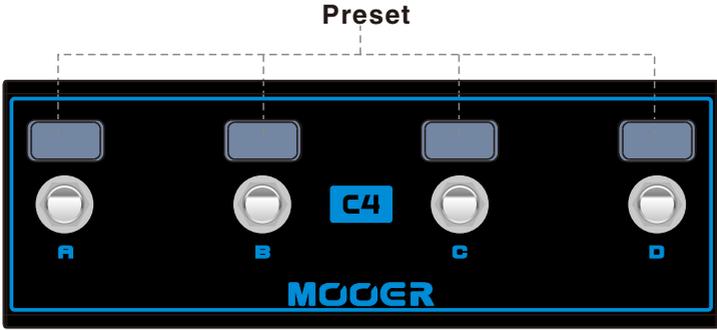
- Ensure the SD amplifier is turned off
- Press and hold footswitches **C + D** on the wireless controller
- Power on the amplifier
- Release the footswitches when the amplifier has finished booting up
- Set **WL-FS** to **ON** in the SYSTEM SETTINGS

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

Synchronise drum machine with looper

DRUM pattern

```
SYNC OFF      8BEAT1 OFF
LOOPER  BAR   DRUM   BPM



   00    00    50   120
```

LOOPER playback volume

DRUM tempo BPM (beats per minute)

LOOPER bar limit

DRUM playback volume
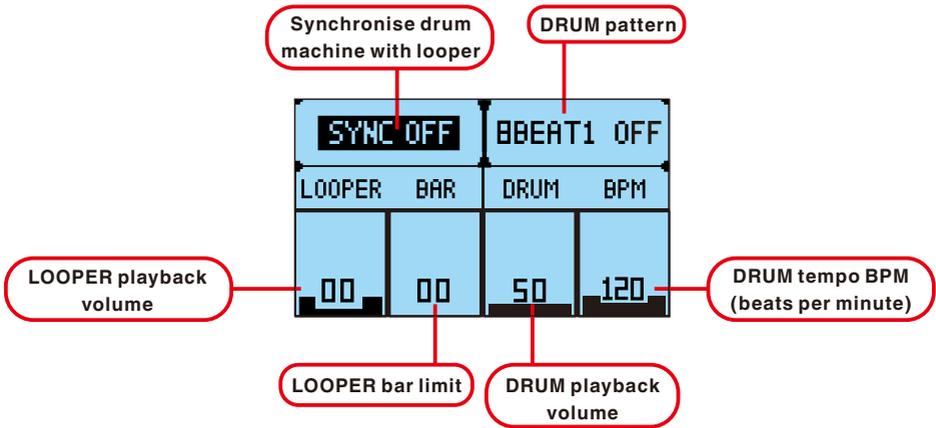
DRUM MACHINE

- 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.

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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

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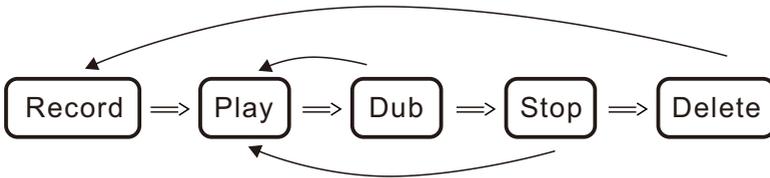
BAR LOOP restricts the length of the master loop to a set number of bars, depicted by the LOOPER bar limit. This is useful because the drum will be in synchronization with your loop and the count-in feature allows you to easily use the looper without the wireless footswitch connected.

- 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

Bluetooth playback connection on/off

Wireless footswitch on/off

XLR OUT cab sim on/off

Reset to factory default settings
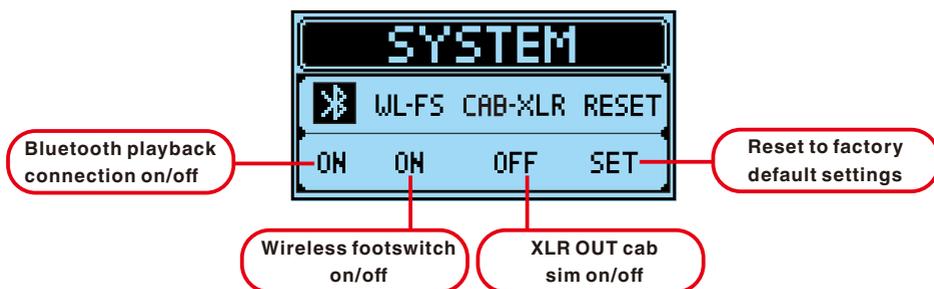
AUDIO PLAYBACK

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.

AUX IN
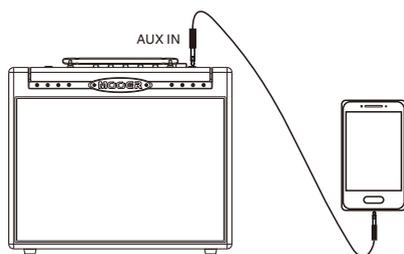
– BLUETOOTH CONNECTION –

- 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

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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: 8Ω-16Ω 30Watts 1/8" mono jack (unbalanced speaker cable)
8Ω-16Ω 75Watts 1/8" mono jack (unbalanced speaker cable)

POWER: 30 Watts (SD30)
75 Watts (SD75)

USB: Type-B

POWER IN: 220V-240V AC   100V-120V AC
POWER FUSE: T500mA   T1000mA

SPEAKER: 1 x 8" Custom 50W 8Ω Driver (SD30)
1 x 12" Custom 100W 8Ω 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

CN

DE

PT

SP

JP

FR