



skamp User Manual

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Introduction

The MOON Amplification™ skamp® will make your musical instruments come alive when you play in front of a crowd! This manual helps you understand how to get the best out of your skamp.

Refer to the Quick Setup section to plug your equipment together to start playing right away. The Setup section goes into more details of initial setup.

The skamp Mixer/kontroller™ section describes the controls and menus available to fine tune your sound.

The bass cabinet sections describe each of the three bass cabinets that can be added to skamp for more or deeper rich base:

- skamp bassLite Cabinet™
- skamp bigBass Cabinet™
- skamp subBase Cabinet™

Add the MOON on bigBass kart™ for easy load-in and load-out.

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Quick Setup

This section will get you from zero to playing with the minimum of page turning. There is a lot that the skamp can do without menu diving!

This brief description gets that minimum configuration going. Simple connections are a big help getting started and when you are in a hurry setting up for a gig.

- Mixer/kontroller to skamp main with a 7-pin XLR cable
- skamp main to sub cabinet with a 5-pin XLR cable
- MOON speedSwitch plugs into Switch jack on Mixer/kontroller
- Plug instrument into Orbital channel on Mixer/kontroller
- Y-cable AC power to both cabinets
- AC power switch on sub cabinet ON (power switch on skamp main controls both)

With a MOON speedSwitch and the factory defaults the skamp is ready to play. Adjust the Orbited channel level and go.

The Setup section has more details on the connections between skamp components and different configurations.

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skamp Main Cabinet



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Skamp Mixer/kontroller

Control Panel

The Mixer/kontroller control panel is simple but provides detailed control over your sound.

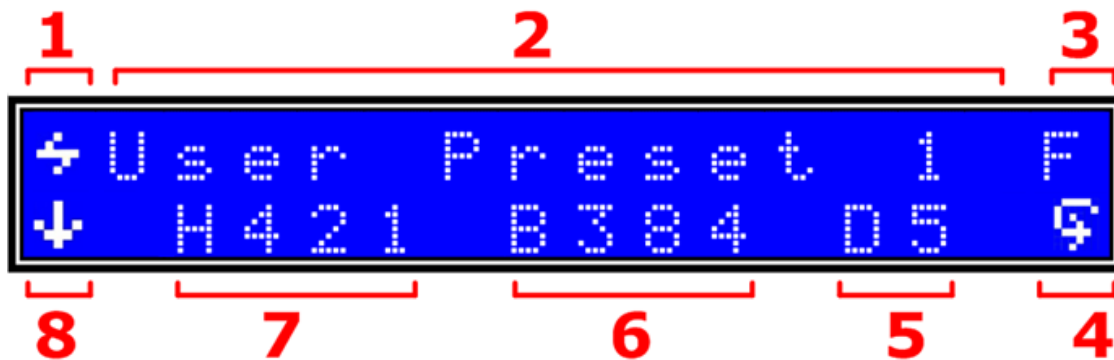
The white-on-blue display in the center with the rotary control below accesses all menu parameters. The Orbited XLR input channel level control is at the upper left. The Orbital Tube channel level controls at the lower left. The Left/Right channel levels are at the right.



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Home Menu

The home menu gives you instant access to the most commonly used settings and adjustments, and shows you status of the most important parameters.




- 1 - Left/Right Scroll Arrow
- 2 - Current Preset
- 3 - Speed Indicator (F = Fast, S = Slow)
- 4 - Run/Stop Indicator
- 5 - Effect Depth
- 6 - Bass Rotor Speed
- 7 - Horn Speed
- 8 - Access Submenus


1&2 Presets

The presets allow...

The preset is indicated at the top of the screen. The Left/Right Scroll shows you which way you can turn the rotary control knob to select a different preset. The preset takes effect when you press the rotary control knob.

The Left/Right Scroll Arrow indicates which way you can turn the rotary control knob when selecting presets.

 You can turn left or right

 Turn left only

 Turn right only

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```
← User Preset 2 F
  Press to Load ↵
```

Presets

```
→ EP Crunch F
↓ H421 B384 D4 ↵
```

```
↵ EP Smooth F
```

```
↵ Organ/Piano F
```

```
↵ Vintage Grunge F
```

```
↵ Vintage Crunch F
```

```
↵ Vintage Clean F
```

```
↵ Modern Bright F
```

```
↵ Modern Smooth F
```

```
↵ User Preset 1 F
```

```
→ User Preset 8 F
↓ H421 B384 D5 ↵
```

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3&4 Speed Switch Indicators

The Speed and Run/Stop indicators at the right side of the screen respond to your MOON switch or other speed control.

MOON speedSwitch on Fast



MOON speedSwitch on Stop



MOON speedSwitch on Slow



Current horn and bass speed is shown depending on the switch selection of fast or slow. Visual feedback is especially important if your use a foot switch instead of the MOON switch.

Factory Presets

User Presets

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Speed Control – Quick Access

Effect Depth – Quick Access

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Moving Around Submenus

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Speed Menu

Horn Speed

The effect of an orbiting sound source from the mouth of the horn is the most recognizable part of the skamp sound. The fast speed produces a throbbing beat, while the slow speed makes the notes swirl around the room. Dial in just the right speed for your sound.



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Bass Speed

The action of the bass rotor is less noticeable, but still important to the overall sound. It should be adjusted to run a bit slower than the horn to add complexity. By the way, the bass orbits physically in the opposite direction than the horn orbits.



Bass Fast Speed ↑
384 RPM



Bass Slow Speed ↑
27 RPM

Horn Rise/Fall Time



Horn Rise Time ↑
2.6 Seconds



Horn Fall Time ↑
2.6 Seconds



Horn Brake Time ↑
2.6 Seconds

Bass Rise/Fall Time



Note: The save configuration menu items appear after Bass Brake Time in this menu and are described in the [Saving Configuration](#) section

Cabinet Menu

Horn and Bass Levels

Horn Rotor Level



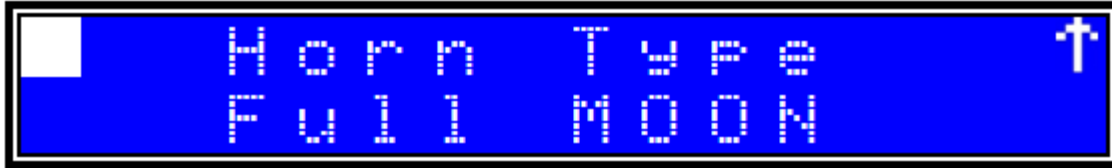
Bass Rotor Level



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Horn Type

Traditional rotary speakers have many variations of horn configuration and small changes in dimension and material effect the horn resonance points. Many horn models are available here to get the “just right tone”.



See Table 1: Horn Types

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Draft in Progress

Table 1: Horn Types

| | |
|--------------------|--|
| Flat | Flat frequency response |
| Full MOON | Full, slightly scooped frequency response of a large horn (default) |
| Bright MOON | Full, slightly scooped frequency response of a large horn with a little extra high-end |
| MOON Sizzle | Full, scooped frequency response of a large horn with a lots of high-end |
| Dark Side | Full, slightly scooped frequency response of a large horn with a less high-end |
| 2.1K Wide | Broad frequency response with deep scoop, emphasis at 2100 Hertz |
| 2.1K Smooth | Broad frequency response with gentle emphasis at 2100 Hertz |
| 2.1K Narrow | Tight frequency response with narrow scoop, emphasis at 2100 Hertz |
| 1.8K Wide | Broad frequency response with deep scoop, emphasis at 1800 Hertz |
| 1.8K Smooth | Broad frequency response with gentle emphasis at 1800 Hertz |
| 1.8K Narrow | Tight frequency response with narrow scoop, emphasis at 1800 Hertz |
| 1.5K Wide | Broad frequency response with deep scoop, emphasis at 1500 Hertz |
| 1.5K Smooth | Broad frequency response with gentle emphasis at 1500 Hertz |
| 1.5K Narrow | Tight frequency response with narrow scoop, emphasis at 1500 Hertz |
| 1.2K Wide | Broad frequency response with deep scoop, emphasis at 1200 Hertz |
| 1.2K Smooth | Broad frequency response with gentle emphasis at 1200 Hertz |
| 1.2K Narrow | Tight frequency response with narrow scoop, emphasis at 1200 Hertz |
| 1.0K Wide | Broad frequency response with deep scoop, emphasis at 1000 Hertz |
| 1.0K Smooth | Broad frequency response with gentle emphasis at 1000 Hertz |
| 1.0K Narrow | Tight frequency response with narrow scoop, emphasis at 1000 Hertz |

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Orbital Effect Depth



Orbital Power Amp



Orbital Sub Level



Orbital Reverb

Reverb Room Size



Reverb Depth



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Orbital Bypass

Bypass Balance



Bypass Mode



Note: The save configuration menu items appear after Rotor Mode in this menu and are described in the [Saving Configuration](#) section

Left/Right (Stereo) Menu

The Left and Right channels can be used as a stereo pair or two separate instrument channels.

L/R Power Amp



L/R Sub Level



L/R Reverb



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L/R Stereo/Mono



Rename Preset

Rename the active user preset to something meaningful to you.



Note: The save configuration menu items appear after Rotor Mode in this menu and are described in the [Saving Configuration](#) section.

Saving Configuration

The three menus described in this section let you:

- Save the current configuration to the active user preset
- Load the factory default configuration to the active user preset
- Save the current configuration to any user preset

These menus appear on the Speed, Cabinet and L/R menus. The operation is identical.

Save Current

Saves all of the parameters currently set for the active preset.

As you scroll through the Speed, Cabinet or L/R menus, you will find this screen:



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Press the rotary control knob to move the white cursor block to the bottom row.



Turn the rotary control knob one click to the right. One of the user presets 1 through 8 will appear, depending on which is active.

Note: If you want to save the current configuration to a different preset, see section XXX.



...



The display automatically cycles through the user preset #, press to SAVE and GO NO to exit messages to remind you of your options.



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To save the configuration, press the rotary control knob.

To exit without saving, turn the rotary control knob to the left, then press to move the cursor. With the cursor on the UP arrow, turn to jump to the MAIN MENU. To go back to selecting from the current menu, press the rotary control knob one more time to return the cursor to the top left.



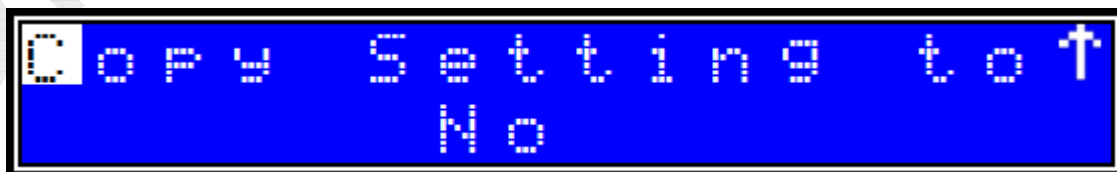
Load Default

Loads the factory default settings to the active preset:



Copy Current Settings

Copies current parameter settings to the selected user preset. This is an easy way to copy one of your presets or even one of the factory presets.



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Global Menu

The global menu is where you set parameters that affect all presets. In most cases, these parameters can be set when you first configure your rig with occasional adjustments.

Speed Control (MOON speedSwitch)

The factory default speed switch is the MOON speedSwitch plugged into the TRS (quarter inch stereo) jack on the Mixer/kontroller. This menu allows configuration of several other types of switches and different inputs.



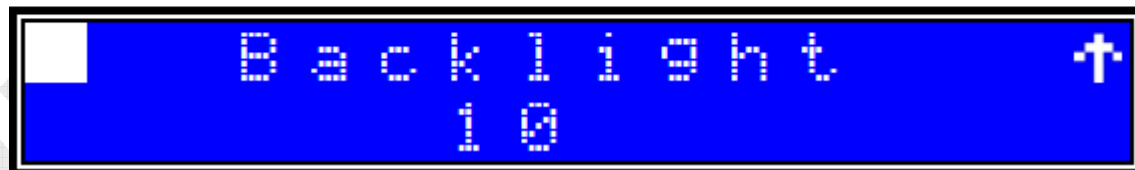
Subwoofer Crossover Frequency

When skamp is used without the subwoofer, this setting opens up the bottom end of the skamp.

When used with the sub, setting the Xover allows the skamp to run higher power for the non-bass sounds.



Display Contrast/Backlight



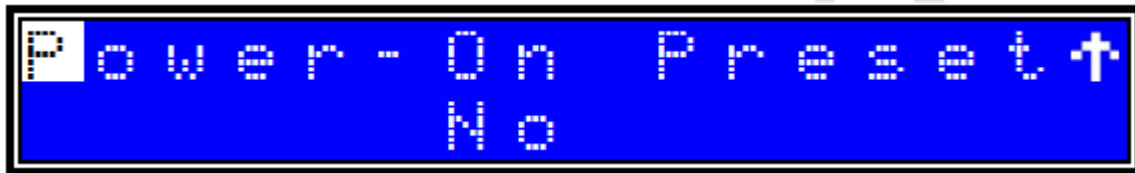
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Save Global Parameters



Power-On Preset

How many times have you carefully crafted a preset, and in a rush to play at a gig, forgot to select the preset and ended up with a default sound? Use this feature to select and save which preset automatically is loaded when the skamp is turned on:



Sub Xover Freq

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skamp bigBass Cabinet

on bigBass kart



bigBass Radi Design on bigBass kart, folded



bigBass RADI design
on deployed STRUCT design kartStand

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skamp bassLite Cabinet

The skamp bassLite gives you plenty of low-end in a package that is lighter than many combo amps.

To reduce load-in trips, use the bigBass kart and give the whole skamp, plus a keyboard or two, a ride from tailgate to stage.

The bigBass kart doubles as a stand to give your skamp a lift.



Skamp on top of bassLite with deployed bigBass kart, Struct design

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skamp subBase Cabinet

The skamp subBase adapts the skamp for use in a more formal environment with aesthetics suitable for a place of worship or finely appointed studio.



skamp subBase, wood grain with gold pipes

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Setup

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Initial Configuration

Power-On Screens

Draft in Progress

```
MOON  
Amplification
```

```
MOON  
Orbited Speaker
```

```
Copyright. 2016  
Version 1.00
```

```
Switch Polarity  
Tip NO, Ring NO
```

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Global Configs

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Presets

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