

REV V

Owner's Manual the Dynamis



INTRO

Congratulations and welcome to the Revv family! Thank you for trusting Revv Amplification with such an important part of your musical endeavors. Enjoy tone, durability, and ease of use designed to inspire.

Please note that this manual applies to both our Dynamis **head** & **combo** amplifiers. They feature the same tone & controls - the only difference is in setup & safety instructions given the combos have built in speaker(s). The short version is to leave the speaker plugged into your combo, & never turn on your head without using the right cabinet.



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safety instructions & warnings

Please read, understand and follow all safety instructions in this manual, as well as those on the rear panel of the amplifier. These instructions and warnings must be followed for your safety, and also to ensure that the amplifier will serve you for many years. Please use common sense when operating, this instrument is designed for electric guitar amplification, and should only be used with electric guitar signals.

- Do not store or operate the amplifier in damp/wet areas.
- Do not keep items that contain liquid on or near the amplifier
- Allow for 4-6 inches of space around the unit when operating. This unit produces heat and should be kept away from flammable items/objects.
- Do not expose the amplifier to high temperature, keep away from radiators or heat producing/supplying items.
- Be sure to connect to an AC power supply that meets the power supply specifications listed on the rear of the unit.
- Do not use an AC power cord that is damaged, has been pinched or is missing prongs.
- This amplifier must be properly grounded to local standards when being operated. Do not use 2 pole extension or power cords to supply power to this amplifier.
- Remove the AC power cord from the amplifier when changing tubes, fuses or when moving the amplifier. Always replace fuses with the correct type and rating. Always remove AC power cord when removing chassis.
- The AC power cord should be removed from the outlet when left unused for long periods or when there is risk of electrical storms.
- No user serviceable parts inside, all service should be done by qualified personnel only.
- Always make certain the proper load is connected to the amplifier before operating. Always make connections to the amplifier with the power off.
- Your amplifier is designed to produce high volume/sound pressure levels. Long term exposure to these levels can damage your hearing. Please use hearing protection when exposed to these levels for extended periods to prevent loss of hearing or hearing damage.
- Keep away from children.

set up & power up

Only keep your Revv in a dry place that keeps 6” of space between the rear and any other objects. Tubes produce heat, and anything flammable should be kept away.

First, make sure that the power and standby switches are in the off (down) positions. Next, connect the AC power cord to the amplifier Mains connector on the rear of the amplifier - then to an AC outlet. At this point, all other peripherals can be connected to the amplifier as well: Foot Switch, FX Loop, Guitar, and cable

Note: A high quality, shielded instrument cable is recommended for guitar input as well as FX loop connections to prevent unwanted noise.

Once all your connections are made, move the power switch to the On position and give the tubes at least one minute to warm up. Now is a great time to begin setting all controls while we wait. We recommend setting the master volume, channel level, and gain controls to the lowest setting or zero (fully counterclockwise) and all treble, mid and bass controls to the 12 o'clock positions to begin. Now set the standby switch to the Revv (up) position and you are ready start!

Note: Upon power up, you will notice that all LED's light up for a couple seconds and then only the Channel 1 LED remains lit. This is normal as the amp does a start up sequence at power up, then arms channel one to begin.

Front Panel Layout



Input

1/4" Instrument cable input.

Low Input

This input jack is to be used with guitars that have high output or **active pickups** if you desire a cleaner sound & it provides the proper circuit to keep the tone of the amp articulate & prevent unwanted compression & noise. If you are finding the tone weak to your personal tastes - **do not hesitate to plug any guitar into the normal input to experiment with new sounds.** This operation is safe & will just hit the front end of the amp harder if you are going for that sound.

Normal Input

This input jack is to be used with guitars that have **passive pickups** & require high impedance for proper signal transfer. This jack is designed to get the strongest signal from a passive pickup to the first tube stage.



2.2

Channel One (Clean)

Selected by: **1)** pushing the designated front panel momentary toggle switch up (LED turns blue), **2)** footswitch button #1 or a footswitch preset mode setting, **3)** MIDI & CC commands.

Passive **treble, middle, bass, & level** controls with a wide range. Small turns = large tonal change!

Bright changes top end response for a more sparkly tone. It is normally best to choose the bright setting you prefer (on or off) & then dial treble to taste. Also useful when switching between humbuckers & single coils!

Very warm & full-bodied clean channel. Takes pedals very well - or decrease power to 7 watts for a more broken up sound with the **Output Power Switch**. Channel output power is independent so you can use this to control both tone & volume separately from the gain channel.



2.3

Channel Two (Distortion)

Selected by: **1)** pushing the designated front panel momentary toggle switch up (LED turns red), **2)** footswitch button #2 or a footswitch preset mode setting, **3)** MIDI & CC commands.

Gain, treble, mid, bass & level (volume) control knobs with a wide range of operation - small adjustment = large tonal change!

The Dynamis contains **3 Dynamic Levels**: crunch (green), open gain (blue), & warm high saturation (red). This is an idea we borrowed from the Generator's Aggression Modes & applied to the Dynamis' vintage tones. You could easily cycle through these for crunch, rhythm & lead, or find the mode you like the feel of best & always use it for all of your gain tones!

These dynamic levels can be cycled through both by repeatedly pressing the designated momentary toggle switch & by repeatedly pressing the Channel #2 footswitch.

The amplifier has a midrange focus & to modify this you can either slightly dial back the mid control or switch between the two **Contour** options for a bright upper-mid focused sound (on) or a thick lower-mid focused sound (off).

The **Bright** switch also controls Channel 2 (independently) & as above can be set to taste to help you find your desired top end response.

As with Channel One, Channel Two has an independent 40 watt / 7 watt **Output Power Switch**. 7w mode will help achieve satisfying sounds at lower volume and/or give you the option of a tone featuring more power amp saturation. All else being equal this will result in a more broken up oldschool sound, compared against letting the preamp take care of much of the gain in the higher headroom 40w mode.





2.4

Reverb, Level, & Decay Switches

The Dynamis includes a lush onboard reverb with 3 decay lengths. These decay lengths & the level of the reverb are independently controllable per channel using the front panel controls.

Upon startup, reverb is engaged with a short decay. To turn reverb on or off, simply press the reverb toggle switch in the up position. The LED will turn on or off depending on the setting. To cycle through different decay options, simply press the toggle switch down towards the decay position. The decay options are indicated by LED: short decay (off), medium decay (blue), long decay (Red).

Note: These levels can be cycled through by holding footswitch button #4. Reverb can be turned on & off entirely with a single momentary press of button #4.

Each channel reverb level control is independent & decay settings + on/off states are retained for each as long as the amp is powered on.

Note: Reverb settings are also footswitch saveable options should the foot controller be used in preset mode. See foot controller section of this manual for more information.



2.5

Standby & Power Switch

The power & standby switches give the amp power from the mains, as well as high voltage through the circuit. First turn on the power switch & wait one minute to allow the tubes to warm up. Turn on the standby switch to the Revv position once you are ready to play.

Note: NEVER power up the Dynamis Head without the proper speaker load connected, or the Dynamis combo with the speaker disconnected!

Rear Panel Layout



Main Power Connection

When plugging the amplifier into the mains A/C wall receptacle, always make sure the amplifier power & standby switches are in the off position. The Required voltage & fuse ratings are marked on the amplifier, verify that they are correct before plugging in.

Main & HT Fuses

The mains fuse & HT fuse are in place to protect you & your amplifier from overload conditions. Always replace them with the same type & rating only! Always unplug the amplifier from the mains before replacing the fuses. Fuse requirements are marked on the rear panel of the amplifier.



3.2

Bias Test Points

This amplifier is designed to allow the user to set the bias of the power tubes without removing the chassis from the head shell.

Each pair of power tubes needs to be set according to the tubes being used.

Power Tube Fault Fuses

The power tubes are fused in pairs. Should a power tube fail, the fuse will blow & take the pair of power tubes out of service. This has the benefit of protecting the amplifier, & also allows for continued playability, so as to allow the user to finish the gig on the remaining pair. The volume & tone will change but the show will go on.

Note: Should the amp be run with 2 power tubes removed from service (bad or blown fuse), in order to achieve a tone more consistent with normal 4 tube operation the amp should be run with an impedance setting of half the speaker cabinet rating. For example, if the speaker cabinet is 8 ohms, set the amplifier to 4 ohms, & if the speaker cabinet is 16 ohms, set the amplifier to 8 ohms.



3.3

Impedance & Speaker Jacks

The amplifier must always be connected to a speaker cabinet or load when it is powered up. This amplifier can be used with cabinets that provide a load of 4, 8 & 16 ohms.

Note to combo users: The combo can only be used with external cabinets of 4 or 8 ohms

Because the amplifier provides multiple speaker jacks, it can also power 2 cabinets directly from the amplifier, but the impedance will need to be set correctly.

Most setups are simple, one cabinet plugged into the amp, set the impedance to that marked on the cabinet & you're ready to go! However, when it comes to adding more cabinets to the rig, more care must be taken to prevent damage. Most rigs will not utilize more than 2 cabinets so we won't go beyond 2 cabinets here.

Some multi-cabinet head examples:

2 - 8 ohm cabinets would be run to the amplifier (one per speaker jack), the correct impedance would be 4 ohms as they are being run in parallel.

2 - 16 ohm cabinets would be run to the amplifier (one per speaker jack), the correct impedance would be 8 ohms as they are being run in parallel.

2 - 4 ohm cabinets cannot be run in parallel with this amplifier. This will cause damage.

Note: No damage will result when running the amplifier set at a lower impedance (Ex: 4 ohms) into a cabinet rated at a higher impedance (Ex: 8 Ohms). However the opposite will possibly cause damage to the output transformer or other components & it is suggested that the amplifier never be run into a lower load than what the amplifier is set to when hooking up speakers in different configurations.

Some combo examples:

1 - 8 ohm cabinet AND the provided 8 ohm combo speaker: In this configuration, plugging the provided speaker into one of the 4 ohm jacks & the 8 ohm speaker cabinet into the other 4 ohm jack will provide the perfect load to maintain the best possible tone & keep the amplifier safe from harm. The 8 ohm jack **MUST NOT** be used!

2 - 8 ohm cabinets: In this configuration, one of the 8 ohm cabinets would be plugged into a 4 ohm jack, & the other 8 ohm cabinet would be plugged into the remaining 4 ohm jack. The provided speaker **MUST** be disconnected from the 8 ohm jack, & the 8 ohm jack **MUST NOT** be used.

1 - 8 ohm cabinet WITHOUT the provided 8 ohm combo speaker: In this configuration, the provided speaker would be disconnected from the 8 ohm jack & the 8 ohm speaker cabinet would be plugged into that same jack. The remaining 4 ohm speaker jacks **MUST NOT** be used. The provided speaker cannot be used in this configuration & must remain disconnected.

1 - 4 ohm cabinet: In this configuration, only one 4 ohm speaker cabinet can be used with this amplifier. The provided 8 ohm combo speaker **MUST NOT** be used, the remaining 4 ohm and 8 ohm speaker jacks must also **NOT** be used.

2 - 4 ohm cabinets cannot be run in parallel with this amplifier. This will cause damage.



FX Loop Connections

The FX loop connections are to be hooked up to external pedals or effects units. The Send level will supply the signal required & needs to be set accordingly with the send level control.

MIDI Connections

Note: The Dynamis Combo does not include midi.

The MIDI IN connection is for external equipment connections when your rig necessitates control of your Revv with third party gear.

Foot Switch Connection

This connection both powers your footswitch & allows it to control your Revv.

Should the provided footswitch cable fail, any Ethernet cable can be used. However, this cable sends data between the amplifier & footswitch & if a lower quality cable is used incorrect switching or erratic behavior may occur. A high quality cable is recommended, which can be provided by Revv should you need a replacement.

Speaker Cab Lighting

Revv speaker cabinets each have an illuminated up logo which is powered from the cab lighting jack on Revv amplifiers. This is a 4 pin DIN jack that should be connected to the 4 pin DIN jack of a Revv speaker cabinet only. The logo will change colors in conjunction with the channel switching of your head.

Note: This jack can only be used with Revv speaker cabinets.

Solo Level Control

This knob sets the level of the Dynamis' solo boost which is engaged when pressing button #3 on the footswitch. You could also use this to reduce volume.

4.0

Serial Effects Loop

This effects loop is foot switchable, preset recallable, & MIDI + CC controllable. It has also been given an On & Off control ability to have the send level control & FX Loop jacks removed from the signal path entirely - even though it was designed from the start to be as transparent as possible. Tube driven with the send output buffered at 900 ohms.

4.1

FX Loop On/Off

The amplifier's footswitch (button #5 in control mode) is used to switch the effects loop in & out of the signal path to make it easier to apply & remove effects to the guitar signal on the fly.

If you do not use the footswitch, the FX loops will always default to an on state. If the footswitch is plugged in - the FX loop defaults to off unless activated via the footswitch.

Midi will always be able to control FX loop state as well.

4.2

SEND Level Control

This effects loop has a Send Level control to make sure your effects volume is optimal. Always make sure to check this knob if you are experiencing any overly loud, or quiet effects - or level issues of any kind.

If your effects start clipping - you are driving the loop too hard with this control.



Note: The level controls on each channel will also affect the send level being sent from the effects loop - when one is set higher than the rest you will find your signal changes when using that channel. Be sure to test each channel & the send level coming from the effects loop. For this reason it is normally preferable to set the level of your channels first then adjust your effects loop send level.

4.3

FX Loop Hook up

First, you need to hook up your effects units to the amplifier. The send jack will need to be connected to the input of the first (or only) effects unit in your chain. The out jack on the effects unit (or last pedal in your chain) will then connect back to the return jack on the amp.

Adjust each channel's level control to your liking & set your send level control as above.

Note: If you hear no sound - your effects loop level control knob is probably set at zero, or your FX loop is disabled! Refer to the above on/off section.

5.0

Tubes & Bias

5.1

Power Tubes

Our lower wattage amplifiers are designed with 6V6 tubes for the best tonal & feel performance at a wide range of volumes. REVV-brand 6V6GT tubes are always recommended when replacement is required.

Note: While we designed the amplifier to be easy to maintain, we advise that all tubes be set up by a qualified service technician to prevent damage to the amp from improper bias settings.

5.2

Preamp Tubes

This amplifier uses 12AX7 preamp tubes in tube positions V1 V2 V3, & V5. A 12AT7 preamp tube is used in the V4 position for the FX Loop & only a 12AT7 tube should be used in this socket.

Preamp tubes do not need to be biased & usually have a long life unlike power tubes, but it is possible for a preamp tube to become faulty at any stage of its rated lifespan.

5.3

Power Tube Bias

The power tubes can be biased without taking the chassis out of the wood head shell. You will need a voltmeter or digital multimeter set to the lowest DC voltage range. (Make sure you refer to the meter's user manual).

Note: Use tubes that are matched! A matched quad is best but matched pairs will also suffice.

To prepare:

- 1)** Remove the rear baffle cover from the rear of the amplifier. If you are replacing tubes, do so now with the power off & the amplifier unplugged from the main power receptacle. Place the new tubes in the correct socket positions.
- 2)** Next unlock the bias trimmers by turning the nut counter clockwise & then turn the trimmers down by turning the trimmer shaft with a small screwdriver in the counterclockwise direction. If any fuses had blown, make sure to replace them as well.
- 3)** Now plug the amplifier into the main power receptacle, make sure the amplifier is plugged into a load or speaker cabinet, unplug any guitar cables from the inputs & turn on the main power. Let the tubes warm up for one minute
- 4)** Turn the volume controls to zero & turn on standby to the Revv position.

5.4

Set the bias:

- 1)** Place the black lead from your meter into the black bias test point on the amplifier & the red lead into the red bias test point (The red test point on the left is for V1 & V3 tubes, red test point on the right is for V2 & V4 tubes).
- 2)** Refer to the chart below for bias set points for the tubes being used & slowly turn the trimmer in the clockwise direction until the value is reached.

3) Next, place the red lead into the other red bias test point & repeat step 2 for the other set of tubes.

4) Re-check the settings of each bias test point & make any further adjustments as required.

5) Once the bias is set at the required settings, lock down the trimmer lock nuts by turning the nuts clockwise while holding the trimmer shaft with a screwdriver so as not to lose the setting. Do not over tighten the nuts, just snug them. Once complete, return the rear baffle panel to the rear of the amp & fasten it with the screws you removed. You are done!

5.5

BIAS CHART (Measurements are for two tubes per bias point)

Type	6V6
Recommended set point	55mV



MIDI



Note: Combos do not include MIDI.

Versatile & optional MIDI control helps Revv amps seamlessly integrate into any rig. The amplifier will store up to 128 programs for program change commands as well as accept Continuous Controller (CC) commands to control functions directly. The amplifier also features OMNI mode to allow control options on 16 channels.

What does that mean?

- 1) You can set up “presets” of switch positions on the amp to recall quickly. (this could be used for clean, crunch, rhythm, & lead, for example)
- 2) You can simply control anything’s on/off state (FX loop for example)
- 3) You can do a combination of both of those things.

4) You can do this with a computer for automatic changes during songs, a MIDI floor control unit instead of our footswitch, a loop switcher with midi to control pedals as part of the “presets,” a multi-effects unit with MIDI control, & more.

5) You can do this with just our footswitch, or not at all, if you choose. External equipment just becomes more beneficial when integrating your Revv with additional pieces of a rig such as effects units.

6.1

OMNI Mode

OMNI mode off will allow the amplifier to be controlled via a designated channel (1-16), & OMNI mode on will allow the amplifier to respond to commands on any channel.

If other equipment is being used in a MIDI system, it is desirable to set each piece of equipment to separate channels. However when the amplifier is the only piece of gear being controlled via MIDI, then setting it to a specific channel is not really required & setting the OMNI mode on becomes preferable.

In order to toggle OMNI mode on or off:

- 1) Make sure the power switch is in the off position.
- 2) Press & hold “contour” toggle switch.
- 3) With the “contour” toggle switch being held, turn on the power switch.
- 4) Release the “contour” toggle switch once the LED begins to flash. Once the LED has stopped flashing, it has accepted the command to adjust OMNI mode. The amplifier will adjust to OMNI mode & then reset itself by completing its startup sequence. Once the start-up sequence is done (2 seconds) & the CH1 LED is illuminated, you are ready to go.

Note: The “contour” LED will flash 3 times when it turns OMNI mode on, & 4 times when it turns OMNI mode off.

MIDI Channel Setting

This amplifier can either automatically or manually change the 16 MIDI channels you would like it to respond to. The channel change is stored in memory & only needs to be done when you need the amp to respond on a certain channel.

1) In order to set the MIDI channel:

With the power off, press & hold the bright switch then turn on the power switch. The amp will power up & begin to flash 4 LEDs. Once this happens it is awaiting the channel data to be received from the external equipment (Automatic) or to be set manually.

2a) To set the channel automatically: (recommended)

With your external equipment ready (pedals, computers, etc.) & set to the channel you want the amplifier to be controlled from via MIDI, send a command to the amplifier by pressing a program change button or CC command on your external equipment. Once the amplifier receives the data, it will verify the channel it received & save it to memory. Easy!

2b) To set the channel manually:

Once step 1 has been completed above & the channel LEDs are flashing, press the Channel toggle switch (up). The Channel will flash & the other LEDs will turn off, this signifies that MIDI channel 1 has been selected. Simply continue to press the CH 1 toggle switch (up) to get to the channel you desire. As you press the switch you will notice the other LEDs turn on as you increase the MIDI channel number. Once you reach the channel you desire, press the bright switch to save it to memory.

Note: There are only 4 LEDs that illuminate in the process, so the MIDI channel count will be done in values of 4. MIDI channel 1 will be signified by Channel LED flashing, & as you increase in number, MIDI channel 4 will be signified by all 4 LEDs flashing, but once MIDI channel 5 is selected, only the Channel LED will flash again. Every time you reach MIDI channel 5, 9, or 13, the LED cycle will once again. So keep count as you select the channel you desire. If you go past MIDI channel 16, the count will start at channel 1 again.

Once saved to memory, the Channel LEDs will flash very quickly a number of times to verify the change has been made & completed. The amp will then restart, completing the MIDI channel change procedure.

6.3

MIDI Program Change

This amplifier can remember up to 128 program settings of the MIDI controllable functions. In order to set a program (i.e. amplifier configuration) to be controlled via MIDI:

- 1)** Set the amplifier to the configuration you intend to save to a program number. (Ex: Ch: 2, Dynamic level: 2, FX Loop: OFF, etc)
- 2)** Once the amplifier is configured as you would like, press and hold the bright switch. The bright LED will flash & the amplifier will wait now for a command through its MIDI IN jack.
- 3)** Send a program change command from your MIDI Pedal or other equipment with the correct channel & program number you intend to have the amplifier save the current configuration to.
- 4)** Once the command is received, the amplifier will save the current amp configuration to that program number. The bright LED will flash 3 times & turn off verifying that the command has been received & saved.

Now, anytime you send that program number to the amplifier from your MIDI pedal or other external equipment, the amplifier will switch to that saved configuration. This will allow for any configuration of your settings to be recalled with any MIDI device!

6.4

MIDI Controllable Functions

The amplifier functions that can be controlled via MIDI are as follows:

Channel Selection

3 Dynamic Levels (Channel 2)

Bright function (Channels 1& 2)

Contour Function (Channel 2)

FX Loop in/out

Reverb

Reverb Decay Levels

Solo Boost

Mute

These functions can be set & controlled in a MIDI program change setting, where one program change command will call up a configuration of the above settings, or continuous controller commands, where a CC command will switch any one of the functions listed above, independent from any of the others. The CC command functions are great for things like instant access buttons on foot pedals etc.

Revv Dynamis 40w Continuous Controller Commands (CC)

In order to use CC commands, the Dynamis Functions have all been given a designated number & on or off setting. When using & selecting a function the number associated with the function must be used & then the setting of the function (on or off) must also be sent. Most MIDI equipment (pedals etc) allows you to select a CC number & then designate whether it be turned to on or off. (Consult the external equipments' instruction manual). The following commands & their CC numbers need only be sent an on command (0-63) as they are used to switch between channels & dynamic levels which cannot be turned off, only changed to a different channel or level, on & off commands sent will produce the same result.

Function + CC Number (Hex Value)

Channel 1 Clean - 16 - (0x10)

Channel 2 low dynamic level - 18 - (0x12)

Channel 2 medium dynamic level - 19 - (0x13)

Channel 2 high dynamic level 20 - (0x14)

Decay short level 33 - (0x21)

Decay medium level 34 - (0x22)

Decay long level 35 - (0x23)

The following command will switch to channel 2 & then toggle through the dynamic levels with each use of the command like using the footswitch to switch to the channel & toggle through the dynamic levels. This command will also respond to an on & off command with the same result:

Channel two plus dynamic toggle: 24 – (0x18)

The following commands control functions that are turned on & off. These functions require an on (0-63) & off (64-127) command (byte) to be sent with the CC number to either turn them on or off. If you are trying to use them & are not getting them to respond, chances are you are sending the wrong command byte (0-63 is OFF & 64-127 is ON).

(Consult the Peripherals instruction manual)

Effects Loop: 26 – (0x1A)

Contour: 27 – (0x1B)

Bright: 29 – (0x1D)

Mute: 30 – (0x1E)

Solo Boost: 31 – (0x1F)

Reverb: 32 – (0x20)



Foot Switch

The Revv footswitch can be configured to either operate as a normal footswitch (with some bonuses) or a tool to quickly recall presets on the amplifier.

Control Mode - select between clean,& gain channels, gain dynamic modes, fx loop on/off, solo boost on/off, reverb on/off + its decay level, & a master mute function

Preset Mode - select combinations of channel & switch positions + on/off states that can be recalled with one button press.

Note: The footswitch will always be updated should a change be made on the amplifier front panel. Panel controls override the footswitch.

Note: To switch between modes, press & hold footswitch button 1 for 2 seconds. The LEDs will all illuminate then switch to the settings in the other mode. All settings will be retained when switching between modes.

Hook up

The footswitch is connected to the rear of the amplifier with a shielded Ethernet cable & very rigid connectors. The amplifier & footswitch will work with any Ethernet cable should you be in a pinch, but the Revv cable is always recommended for best performance.

It is recommended that the footswitch be connected to the amp with the power off, but should you plug it in during amplifier use, it will power up & automatically set itself to the amps current settings. Upon power up, all LEDs will turn on for a couple of seconds as it initializes. Once complete, the foot pedal will set itself to the amplifier's current configuration.

Control Mode

The foot pedal will always power up in control mode. This mode works similarly to most other foot pedals - it simply controls the functions of the amp. Here is how the buttons respond in control mode:

Button One – This button switches to Channel 1 when the amp is not in Channel 1.

Button Two – This button has 2 functions in control mode, it will switch to Channel 2 when the amp is not in Channel 2, & it will change the dynamic level of Channel 2 when already on that channel. The LED for channel two will change according to dynamic level.

Button Three – This button toggles Solo Boost on/off. (On when LED is illuminated)

Button Four – This button turns reverb on/off for the currently selected channel. Reverb decay levels can also be cycled through by holding this button for approximately 2 seconds at a time.

Button Five – This button toggles FX Loop on/off. (On when LED illuminated)

Button Six – This toggles the amp's Mute function. (Amp muted when LED illuminated)

Note: Bright, Fat, & Contour functions cannot be changed via the footswitch as they are considered to be an extension of the EQ. They can be saved to a bank when in Preset mode however.

Preset Mode

When the footswitch is in preset mode, each button can then be used to save amp settings, much like a MIDI program change command. For example, if you wanted to save an amp setting like: ch2, dynamic: medium, bright: on, FX loop: in, you could save this all to one button! Then every time you want to use this amp configuration, all you would have to do is press that one button & the amp would change to this setting. Each button on the foot controller can save settings.

Note: When a preset is set on the foot switch, it will not be lost if power is removed from the amp. The Revv footswitch has memory & will retain the settings. Each button is identical in Preset mode & will be considered banks. Each bank can hold an amp preset.

Note: Buttons one, five, & six however, have 2 functions in preset mode. Button one will switch between the modes (Control & Preset), & buttons five & six will activate FX Loop In/Out & Mute in the same way as in control mode. Holding these buttons for 2 seconds will activate their abilities.

To save a preset to a bank:

- 1)** Put the footswitch in preset mode & select the bank you want to save to (Buttons one through six).
- 2)** Set the amplifier to your desired configuration from the front panel of the amp.
- 3)** The bank LED on the footswitch you have selected will begin to blink stating a change has been made on the front panel of the amp.
- 4)** Once you're finished configuring the amp, simply press the desired bank button on the footswitch to save the setting into that bank & you're done! The LED will stop flashing verifying that the change has been saved. Now every time you press that bank button, the amp will switch to the configuration you saved to it.

Note: Any change made on the front panel of the amp will result in a bank LED blinking which means that the current bank setting is different from that of the amps new configuration. To save the new setting press the bank button on the footswitch (blinking LED), or, to reset the configuration & not keep the change, simply press another bank button & the change will NOT be saved.

Note: To save an FX Loop setting in Preset Mode, the FX Loop Button must be held for 2 seconds. This will change the state of the FX loop and then your preset can be saved as with any other amplifier state.

7.4

Memory Reset

The footswitch memory can be cleared when it is needed. Each of the 6 banks will be returned to factory defaults. In order to reset the memory & return the unit to factory defaults, begin with the amplifiers power off & the footswitch plugged into the footswitch jack on the amplifier. Next, press & hold buttons 1 & 2 down & turn the power switch to the ON position on the amplifier.

As soon as the footswitch powers up it will return all memory locations to factory defaults as long as buttons one & two were held down properly at power up.

Specifications

- 2 Channels: Clean & Gain
 - Level & decay-selectable reverb independent per channel
 - Independent output power control on each channel
 - Intelligent foot control capabilities
 - MIDI capabilities
 - CC control of all functions
 - OMNI functionality (head only)
 - High Quality WGS ET speakers (combo only)
 - 3 band EQ per channel + voicing switches
 - REVV tube arrangement: 4 - 12AX7, 1 - 12AT7, 4 - 6V6GT
 - 4, 8, 16 ohm output impedance speaker jacks
 - Baltic birch head shell
 - Dimensions: 18.6" × 10.9" × 10.9"
 - Weight: 28 lbs
-

WARRANTY

This Revv Amplification Inc. product is warranted against manufacturing defects in material and workmanship for a period of five (5) years from the date of purchase to the original owner. Tubes and fuses however will be warranted for ninety (90) days from date of purchase of the product to the original owner and speakers will be warranted for one [1] year. The warranty starts on the date of receipt by the original owner. This warranty is subject to the exclusions and obligations listed below.

Exclusions

Product that has been altered or are missing serial numbers will not be covered. Items that were damaged while being shipped to or from Revv Amplification Inc. will not be covered by this warranty. This warranty shall not apply to repair or replacements necessitated by any cause beyond the control of Revv Amplification Inc. including, but not limited to, any malfunction, defects, or failure caused by or resulting from unauthorized service or parts, damaged or broken tubes, improper maintenance, incorrect line voltages, liquid damages, modification or repair by the user, misuse, abuse, accident, neglect, or fire. Revv Amplification inc. does not authorize any party to assume for it any other obligation or liability. In no event shall Revv Amplification Inc. be liable for any damages arising from the use of this product, or for any delay in the performance of this warranty due to causes beyond our control.

Obligations

This warranty will be honored with original proof of purchase to the original owner only. Warranty work must be authorized by Revv Amplification inc. in advance. All freight and duty (If applicable) is to be pre paid to and from Revv Amplification inc. of all products that require and have been approved for warranty work. Revv Amplification inc. is not liable for any freight and or duty (if applicable) charges.

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