



DREAM WEAVER™



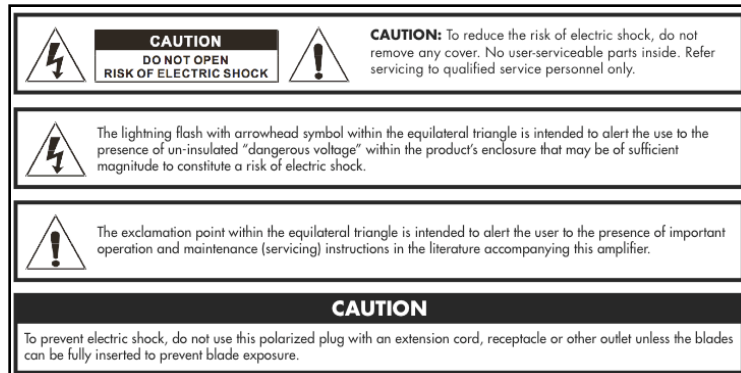
112 COMBO & HEAD

USERS GUIDE

PRECAUTIONS & WARNINGS

Your 3RD POWER Amplifier is a professional musical instrument amplifier. The information contained herein is current at the time of publication. However, specifications are subject to change without prior notice.

- READ THESE INSTRUCTIONS.
- KEEP THESE INSTRUCTIONS.
- HEED ALL WARNINGS.
- FOLLOW ALL INSTRUCTIONS.
- YOUR AMPLIFIER IS LOUD!



EXPOSURE TO HIGH SOUND VOLUMES MAY CAUSE PERMANENT HEARING DAMAGE ! Practice “safe listening.”

- No user serviceable parts inside. Refer service to qualified personnel. Always unplug AC power before removing chassis.
- If you intend on operating this equipment outside of the USA: Always insure that unit is wired for proper voltage. Make certain all connections and grounding conforms with local standards. Make certain that you have obtained authorization to operate prior to connecting to power supply.
- WARNING: Vacuum tube amplifiers generate heat. To insure proper ventilation always make certain there is at least four inches (100mm) of space behind the rear of the amplifier cabinet.
- Keep away from curtains or any flammable objects.
- WARNING: Do not block any ventilation openings on the rear or top of the amplifier. Do not impede ventilation by placing objects on top of the amplifier which extend past the rear edge of its cabinet.
- WARNING: Do not expose the amplifier to rain, moisture, dripping or splashing water. Do not place objects filled with liquids on or nearby the amplifier.
- WARNING: Always make certain proper load is connected before operating the amplifier. Failure to do so could pose a shock hazard and may result in damage to the amplifier.
- Do not expose amplifier to direct sunlight or extremely high temperatures.
- Always insure that amplifier is properly grounded. Always unplug AC power cord before changing fuse or any tubes. When replacing fuse, use only same type and rating.
- Avoid direct contact with heated tubes. Keep amplifier away from children.
- Be sure to connect to an AC power supply that meets the power supply specifications listed on the rear of the unit. Remove the power plug from the AC mains socket if the unit is to be stored for an extended period of time. If there is any danger of lightning occurring nearby, remove the power plug from the wall socket in advance.
- To avoid damaging your speakers and other music equipment, turn off the power of all related equipment before making the connections.
- Do not use excessive force in handling control buttons, switches and controls. Do not use solvents such as benzene or paint thinner to clean the unit. Wipe off the exterior with soft cloth.

MOVING FORWARD... IN 3D



Thank you for choosing 3RD POWER as an integral component of your musical journey.

Music is a thrilling blend of tone, attitude and technique. When the right combination occurs, magic happens and it's experienced by everyone.

I've had the extraordinary privilege of performing music for 30 years on stage and in the studio. As the principal visionary of the company, every product we design reflects my energy, attitude and life experiences.

Each amplifier we create is designed to help you tell your musical story...
IN 3D!!!

Rock on!

James Scott
Amp Artist & CEO



SPECIAL FEATURES:

- Hand-built and hand-wired in the USA
- Dual Channel All-Tube design
- Selectable 38W/18W EL34 Power Amp section
- HybridMASTER-PLUS™ Volume Management Technology
- American Channel 12AX7 Preamp Triode topology with Volume, Bass and Treble controls plus Tweed/Blonde toggle switch
- British Channel 12AX7 Preamp Triode topology with Volume, Treble, Middle and Bass controls plus Orange Glow toggle switch
- JUMP output jacks on both channels for custom signal routing options including running both channels simultaneously
- Global Presence control
- 112 Combo Version features patent-pending SWITCHBACK™ speaker enclosure design

DIMENSIONS & WEIGHTS:

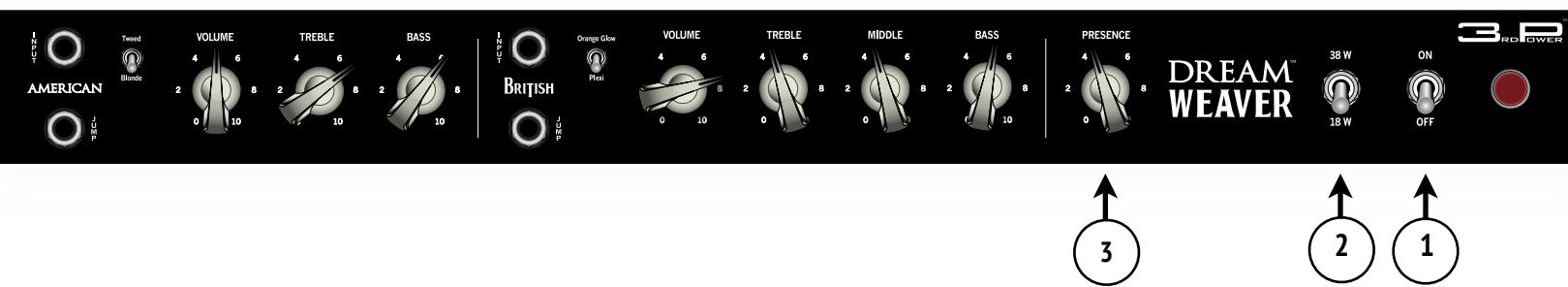
Subject to change anytime. Please measure your amp carefully if a custom case is being made. These measurements do not include handle and rubber feet.

*112 Combo Dimensions (WxHxD): 25 x 22.85 x 10.5 in.
Weight: 57 lb.

*Amp Head Dimensions (WxHxD): 25 x 10 x 10.5 in.
Weight: 31 lb.

* Above dimensions are listed for the actual enclosure only (no feet or handle). When constructing a custom travel case please take this into consideration.

FRONT PANEL:



Preparing to Operate your DREAM WEAVER™

Make certain that all connections are made prior to operating your DREAM WEAVER™ Amplifier including power cable, speaker connection, instrument cable and instrument connection. Make certain that all tubes are installed.

Power Switch (1)

The POWER switch, when placed in the UP position, provides AC wall power to the amplifier.

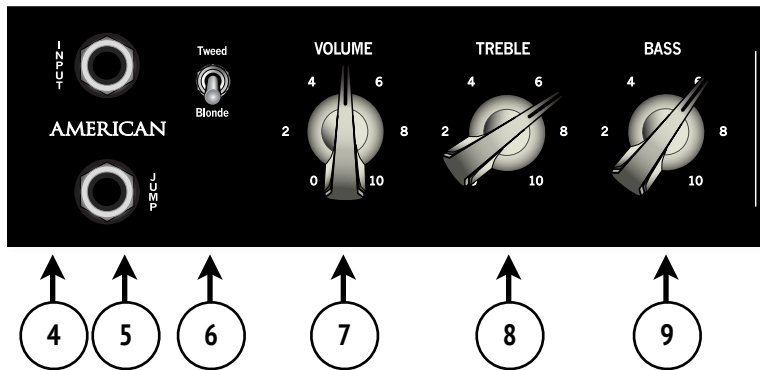
Standby Switch (2)

The STANDBY switch, when placed in the CENTER position, puts the amplifier in ‘standby mode’ allowing the tubes to warm up. When this switch is placed in the UP position, the tube circuitry is fully functional and operating in 38W (pentode) mode. In the DOWN position, the amplifier is operating in 18W (triode) mode.

Presence Control (3)

The global PRESENCE control affects both channels and allows you to adjust the character or ‘forwardness’ of your sound. Low settings create ‘darker’ tones, whereas higher settings create a ‘brilliant’ or crisp sound.

FRONT PANEL: AMERICAN CHANNEL



Input Jack (4)

The INPUT jack is where you connect instrument level signals.

JUMP Jack (5)

The JUMP jack allows you to split your guitar's signal and route it to the other channel. While you're at it, you can even patch in your favorite effects pedals for more tonal options.

Tweed/Blonde Switch (6)

The Tweed/Blonde toggle switch allows you to select the preamp operating mode for a variety of tonal options.

“Tweed” Position: Wide and warm with special emphasis on the midrange frequencies. Clean tones are earthy. Excellent overdrive tones when pushed.

“Blonde” Position: Tight and spanky with lots of headroom. Clean tones are fast and punchy. Big, edgy overdrive tones when pushed.

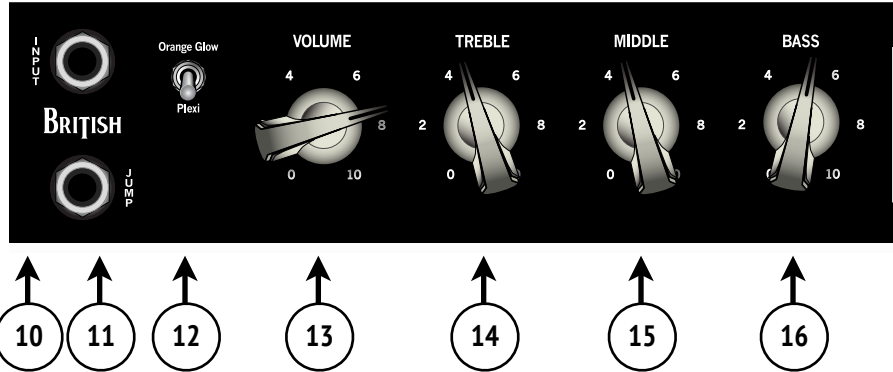
Volume Control (7)

The VOLUME control allows you to adjust the signal level as well as the temperament and overall character of your instrument's sound.

Treble & Bass Controls (8 & 9)

The TREBLE control allows you to adjust the character of the higher frequency range. The BASS control allows you to adjust the depth of your lower frequencies.

FRONT PANEL: BRITISH CHANNEL



Input Jack (10)

The INPUT jack is where you connect instrument level signals.

JUMP Jack (11)

The JUMP jack allows you to split your guitar's signal and route it to the other channel. While you're at it, you can even patch in your favorite effects pedals for more tonal options.

Orange Glow Switch (12)

Switch the toggle in the upward position to go from vintage Plexi Mode to Orange Glow (hot-rodded Plexi) Mode which significantly increases the overall saturation and harmonics of the distortion effect.

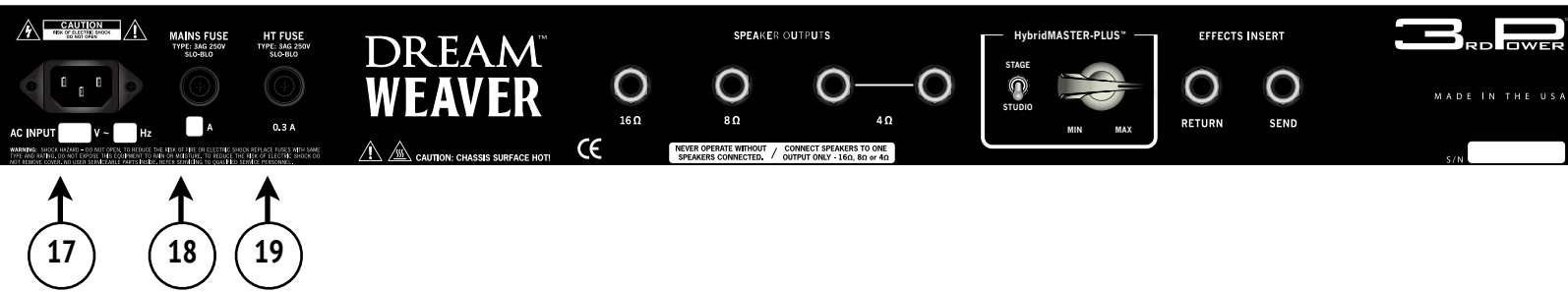
Volume Control (13)

The VOLUME control allows you to adjust the signal level as well as the temperament and overall character of your instruments sound. The British channel has been optimized to provide superb versatility with a particular emphasis on tight mid-range frequencies to deliver a wide range of clean, crunch to vintage overdrive and sustain.

Treble, Middle & Bass Controls (14, 15 & 16)

The TREBLE control allows you to adjust the character of the higher frequency range. The MIDDLE control allows you to adjust the emphasis of the mid-range frequencies. The BASS control allows you to adjust the depth of your lower frequencies.

BACK PANEL:



AC Input (17)

The AC INPUT socket (TYPE IEC Grounded) is a required connection for operating your amplifier at 120V (standard USA household electrical power).

Mains Fuse (18)

The MAINS FUSE requires a 2 AMP fast-acting fuse. This fuse protects your amplifier from voltage peaks from your power outlet.

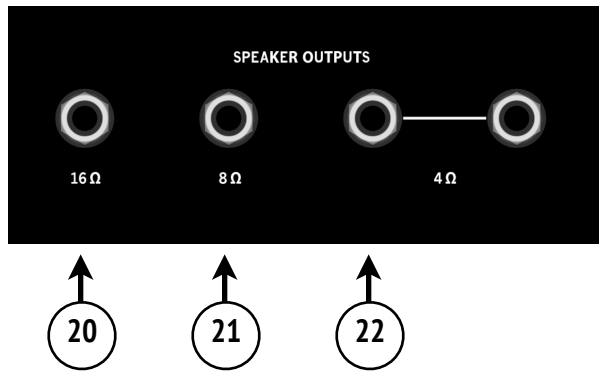
H.T. Fuse (19)

The H.T. FUSE requires a .3 AMP (300 milliamp) slow-blow fuse. The H.T. FUSE usually blows if your power tubes are bad to protect the circuit from being damaged.

SAFETY NOTES:

- Always plug your amp into a properly grounded 3 prong AC outlet.
- Never plug your amp into an ungrounded outlet.
- Never remove or break off the 3rd prong safety ground pin from the power cord.
- Never use a damaged or ungrounded power cord.
- Always use the proper value and type fuse according to the rear-panel markings.
- Never attempt to replace the fuse while the amplifier is still plugged into the power source. The fuse should only be replaced when the power cord has been disconnected from its power source.

BACK PANEL:



16-OHM Speaker Output (20)

The 16-OHM SPEAKER OUTPUT is provided for connecting your amplifier to standard 16 OHM speaker cabinet.

8-OHM Speaker Output (21)

The 8-OHM SPEAKER OUTPUT is provided for connecting your amplifier to single 8-OHM speaker, such as the internal speaker for the combo unit.

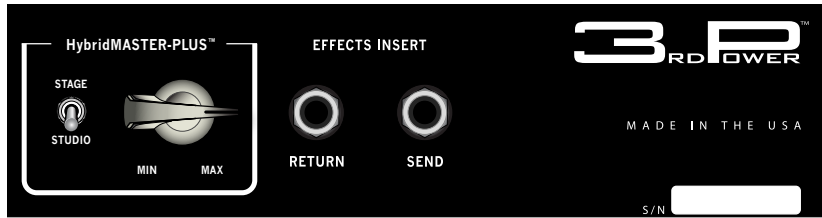
4-OHM Speaker Outputs (22)

The two (2) 4-OHM DISCREET SPEAKER OUTPUTS are provided for connecting your amplifier to single 4-OHM speaker cabinet or for connecting two (2) 8-OHM speaker cabinets in parallel.

SAFETY NOTES:

- Never operate your amplifier without a connected speaker cabinet. This will damage your tubes or transformers - or both.
- Always operate your amplifier with the proper impedance output that matches your speaker cabinet(s).
- In all cases, always use a good quality heavy gauge speaker cable (not a shielded instrument cable) to connect your amplifier to the speaker cabinet(s).

BACK PANEL:



HybridMASTER-PLUS™ (23)

The HybridMASTER-PLUS system allows you to set the overall volume level of the amplifier independent of the volume and tone settings established on the front panel. The system consists of a “venue” switch and the HybridMASTER control. Use the switch to toggle between full scale output and an approximate 80% reduction in volume. Use the HybridMASTER control to fine tune your volume levels.

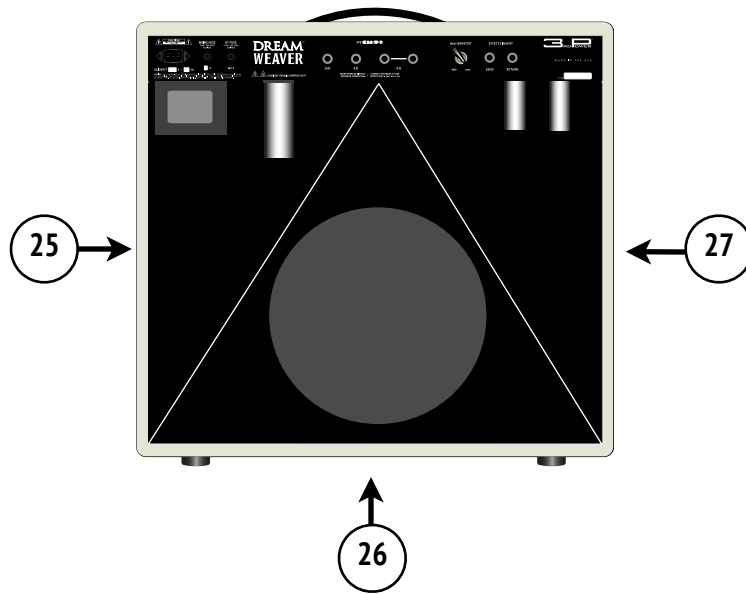
Effects Insert (24)

The EFFECTS INSERT of the DREAM WEAVER is designed to allow you to insert an effects device (most often, time-based effects like delay or reverb) after the preamp and before the power amp. When no effects device is present, this circuit is completely bypassed to deliver a direct signal path between the preamp and power amp stage. For best results, utilize professional type effects processors with at least +15dBu input sensitivity.

OPERATION NOTES:

- This is a line-level effects insert that is best suited for professional rack-mount effects devices capable of handling up to 4.5Vrms.
- Best performance is achieved by minimizing patch cable length.
- When cable runs are over 5 - 10 feet it may be beneficial to use an external effects buffer device on the SEND connection.

OPERATIONAL NOTES: SWITCHBACK™ CABINET



SWITCHBACK™ 112 Design Concept

The DREAM WEAVER 112 combo version features our patent-pending triangular speaker enclosure design. This design produces an outstanding sound-field unattainable with typical speaker enclosures with some very important additional benefits.

Basically, we've embedded a triangular speaker chamber within a rectangular exterior shell. This creates (3) three separate chambers. Each chamber creates a separate environment isolating the chassis, tubes and transformers from the speaker virtually eliminating rattles and vibration-born noises associated with speaker movement.

Chamber One (25)

Shows a chamber containing the transformers and output tubes.

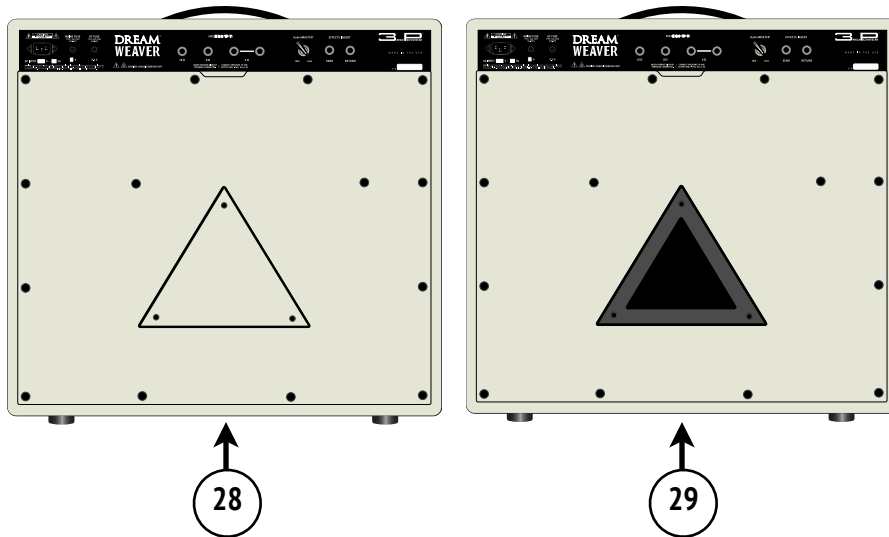
Chamber Two (26)

Shows a chamber containing the speaker.

Chamber Three (27)

Shows a chamber containing the preamp tubes.

OPERATIONAL NOTES: SWITCHBACK™ CABINET



What can I do with a SWITCHBACK™ Cabinet?

The SWITCHBACK cabinet design allows you to go from CLOSED (28) to OPEN BACK (29) operation.

The sound quality of the OPEN BACK mode is wide and room-filling while the sound of the CLOSED BACK mode is focussed and punchy.

Low Frequency Roll-off

CLOSED-BACK mode begins rolling off the lows at around 80Hz.

OPEN-BACK mode begins rolling off the lows at around 60Hz.

Invaluable Stage and Studio Tool

In performance situations, you can control the amount of low frequency projection by choosing which mode to run. Some rooms are boomy or have boomy stages - a problem that the CLOSED-BACK mode would help solve. Some rooms are dull and just begging you to go with an OPEN-BACK setup to bring it to life!

In the studio, tracking different guitar parts in various combinations of open or closed back configurations with either 38w or 18w provides a ton of variety in your guitar sounds without having to change the mic position or having to 'work in' another piece of equipment.

OPERATIONAL NOTES:



Tube Layout and Requirements:

V1 and V3: JJ 12AX7 (Preamp)

V4: Sovtek 12AX7LPS (Phase Inverter)

V5 and V6: Mullard "Reissue" EL34 output tubes

Bias Adjustment

Your DREAM WEAVER comes from the factory biased for EL34 tubes. Bias adjustments are not intended to be user-serviceable. Attempting to adjust the bias yourself will expose you to very dangerous high-voltage electricity that can kill you. Special test equipment and knowledge of amp circuits and tubes are required to perform this function. DO NOT ATTEMPT TO DO THIS YOURSELF.

Tube Replacement

WE RECOMMEND TAKING YOUR AMPLIFIER TO A QUALIFIED TECHNICIAN FOR SERVICING YOUR TUBES. Make certain the amplifier is turned off and has been allowed ample time to cool down. Be very careful when you remove the tubes as they might still be very hot! Do not touch tube sockets with fingers! Even after turning your amp off and unplugging it from the power outlet there could be enough voltage stored in the capacitors to give you a lethal electrical shock.

WARNING:

- Do not remove the back panel.
- Do not attempt to check or replace tubes yourself. Refer to an authorized service center.
- Never touch the tubes while the amplifier is turned on or has recently been turned ON. You can severely burn your fingers and hands.

LIMITED WARRANTY

Thank you for choosing 3RD POWER Amplification. 3RD POWER takes great pride in producing high-quality tube amplifiers and speaker cabinets. Each product is thoroughly tested prior to shipment.

The DREAM WEAVER™ is warranted to the original purchaser to be free from defects in material and workmanship for a period of 33-1/3 years from the original date of purchase. An original sales receipt will establish coverage under this warranty. This warranty does not cover service or parts to repair damage caused by accident, neglect, abuse, normal wear, disaster, misuse, over-powering, negligence, inadequate packing or shipping procedures and service, repair or modifications to the product which have not been authorized by 3RD POWER. If this product is defective in materials or workmanship as warranted above, your sole remedy shall be repair or replacement as provided below.

Tubes: 3RD POWER warrants the original purchaser that the tubes used in the DREAM WEAVER will be free from defects in material and workmanship for a period of 90 days from the original purchase date. A dated sales receipt will establish coverage under this warranty. This warranty is in lieu of all other expressed warranties. If tubes fail within the initial 90 day period your sole remedy shall be the replacement of tubes as provided below.

Return Procedures: In the unlikely event that a defect should occur, follow the procedure outlined below. Defective products must be shipped, together with proof of purchase, freight pre-paid and insured directly to 3RD POWER. A Return Authorization Number must be obtained prior to shipping the product. Contact 3RD POWER to obtain this RA number. Products must be shipped in their original packaging or equivalent. IN any case, the risk of loss or damage in transit is borne by the purchaser. The RA number must appear in large print directly below the shipping address. Always include a brief description of the defect, along with your correct return address and telephone number.

When calling to inquire about a returned product, always refer to the RA number. If 3RD POWER determines that the unit was defective in materials or workmanship at any time during the warranty period, 3RD POWER has the option of repairing or replacing the product at no additional charge, except as set forth below. All replaced parts become property of 3RD POWER. Products replaced or repaired under this warranty will be returned via ground shipping within the United States, freight prepaid. 3RD POWER is not responsible for costs associated with expedited shipping, either to 3RD POWER or returned of the product to the customer.

Incidental or Consequential Damage: In no event will 3RD POWER be liable for any incidental or consequential damages arising out of the use or inability to use any 3RD POWER product, even if a 3RD POWER dealer has been advised of the possibility of such damages or any other claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

For your protection: Please complete and mail the Purchase Information Card within (10) ten days of the date of purchase so that we may contact you directly in the event a safety notification issued in the accordance with the 1972 Consumer Product Safety Act.

Customer Support: Our dedicated staff is ready to assist you should you have any questions with regard to your product. Please call: (615) 945-3393 (9:00 AM to 5:00 PM Monday through Friday, Central Standard Time).



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Web Site

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