

## Operating Manual

### THE 2 TONE

Thank you for purchasing a professional tube effects pedal from Bad Cat™. Similar to all Bad Cat products, your 2 Tone pedal is designed from the ground up to provide the best tones possible in a rugged, reliable package.

Tube socket is of highest quality. Wire leads are multi-strand, Teflon coated, and are pre-dipped in solder prior to connection. Newly designed and isolated transformer assures quiet in-line operation. Chassis housing is 14 gauge industrial steel: heavy chromed top and rugged powder-coated bottom. No wall wart: handy detachable heavy duty power cord. In sum, absolutely no short-cuts were taken to build your 2 Tone pedal. Your Bad Cat pedal is a serious and powerful musical tool that will assist you in reaching new performance levels.

Thank you again for your support and enjoy your Bad Cat.

#### CAUTION

With a bit of care and caution, your Bad Cat should expand your musical abilities for years to come. Avoid damp areas for pay or storage. This includes placement of beverages near or on the pedal that could tip to cause personal shock or live shorts. Liquids can easily damage tubes, switches, and other parts: immediately disconnect the pedal from its power source in case of spills and thoroughly dry the pedal prior to reuse. Drying may require complete removal of the chassis and removal of the tubes for cleaning. Be certain to check everything to avoid shock.



#### MODEL THE 2 TONE PEDAL:

Two Channel pedal with Tone Boost on channel one and Gain Boost on Channel Two. Tone Boost provides a volume or level match reference control to maintain sound play volume when accessing this Tone Channel. This channel is both your Tone Boost and Clean play channel when optional tone color may be desired without overdrive.

Gain Boost on channel two provides pure tube overdrive effect as a function of the gain and master settings. Use of the interactive bass and treble controls offer an array of tonal shapes.





### CHANNEL ONE / TONE BOOST

Provides a VOLUME or level match control to maintain sound play reference volume when accessing this TONE channel. Consider this channel to be both your tone boost channel and clean-play channel where optional tone color may be desired without overdrive artifacts. As a reference-type channel only, the MASTER does not affect it.

CONTROL MODE - READOUT: Even under lowest ambient light, pedal mode is easily confirmed via:

RED - GAIN BOOST  
 YELLOW - TONE BOOST  
 GREEN - TRUE BYPASS vs EFFECT

### CHANNEL TWO / GAIN BOOST

Provides a GAIN boost or overdrive effect as a function of the GAIN & MASTER settings. In this manner, MASTER provides a dual-purpose in that it too will ensure proper level match. In general, CLEAN play is best achieved with these settings:

GAIN LOWER + MASTER HIGHER  
 and HI-GAIN sound is best achieved with these settings:

GAIN HIGHER + MASTER LOWER  
 Additional BASS and TREBLE controls are technically both ACTIVE and INTERACTIVE to very quickly produce a wide variety of thin to fat tube tones with only minor adjustment.

#### IMPORTANT!

FOR YOUR PROTECTION, PLEASE READ THE FOLLOWING:

**WATER AND MOISTURE:** Appliance should not be used near water (near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc). Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

**POWER SOURCES:** The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.

**GROUNDING OR POLARIZATION:** Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

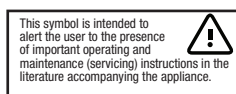
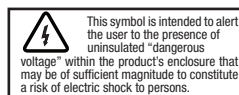
**POWER CORD PROTECTION:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**SERVICING:** The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

**FUSING:** If your unit is equipped with a fuse receptacle, replace only with the same type fuse. Refer to replacement text on the unit for correct fuse type.

#### LIMITED LIFETIME WARRANTY

Bad Cat 2 Tone is guaranteed to original owner to be free of defective materials and workmanship for a period of 3 years from the purchase date. Except: vacuum tubes, though we use best available. This limited warranty does not cover abuse, drops, acts of god, mis-voltage applications or any application outside of guitar amplification, nor factory-unauthorized modifications. Any repairs must be done by a Bad Cat authorized service center or reseller to maintain warranty validity.



REFER SERVICING TO QUALIFIED SERVICE PERSONNEL!  
 THIS UNIT CONTAINS HIGH VOLTAGE INSIDE!

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