

GENZ•BENZ

E N C L O S U R E S

OWNERS MANUAL

After years of designing and manufacturing bass guitar speaker cabinets, it became obvious that a demand exists for a bass amplifier that reproduces the natural tones of the instrument itself.

With so many amplifier manufacturers hyping their “distinctive” sound, it seems forgotten that the player has chosen his instrument for its feel, playability and tone.

As with our speakers, **GENZ BENZ** amplifiers strive to maximize your instrument’s natural tone and feeling without imparting additional coloration.

The resulting product will always be true to your instrument’s natural qualities.

The circuit design, features, physical construction and speaker selection have been carefully calculated to give the best performance and value in bass guitar amplification.

Featuring natural sounding 4 band equalization and rugged construction, the **GENZ BENZ INTRO 90** bass combo will give you the tools necessary to sound your very best in rehearsal or on stage.



INTRO90

**Professional Tone
Practice Combo**

FEATURES

INPUT VOLUME CONTROL
ACTIVE 4 BAND EQUALIZATION
PREAMP OUTPUT/CD INPUT
HEADPHONE OUTPUT
XLR DIRECT OUT
HEAVY-DUTY 12" SPEAKER
BULLET TWEETER
QUALITY CONSTRUCTION
METAL PROTECTIVE SPEAKER GRILL

OPERATION

INPUT—Instrument input accomodating both *passive* and *active* basses.

PREAMP INPUT VOLUME CONTROL—Allows the user to adjust the preamp volume sent to the amplifier section. Depending on your instruments output sensitivity, normal playing volume will fall between the 9:00 & 3:00 positions on the knob.

ACTIVE EQUALIZATION—This EQ section is composed of 4 independently tuned asymmetrical bandpass filters, combined through a unique current summing network creating a smooth, musical sounding EQ system.

EQ points: Lows 100Hz; Low-mid 500Hz; High-mid 1000Hz; Highs 2500Hz.

LINE OUT/CD INPUT—This 1/4"(tip-sleeve) jack serves two functions. For "play along practice mode" connection of a portable CD (or Cassette) player with a high impedance output (approximately 600 ohms or higher) to this jack feeds the signal into the amp with the volume controlled by the output control on the CD player only. The instrument plugs into the normal input and is controlled by the volume knob on the INTRO 90. For "gig mode" this jack provides a post EQ signal for connection to a direct box or unbalanced line level input.

HEADPHONE JACK—Use this 1/4" (tip-ring-sleeve) jack for connecting your headphones when silent practicing is desired. The speaker is not turned off when headphones are inserted. To turn off the speaker use the speaker on/off switch on the rear panel.

SPEAKER ON/OFF SWITCH—This switch turns off the speaker for silent practicing when using head phones.

POWER SWITCH AND INDICATOR—The power switch applies A.C. power to the amplifiers internal circuitry. The green LED shows that the amplifier is on.

XLR DIRECT-OUT—A professional quality balanced direct-out for recording or large venue performances. This direct-out is post volume, pre EQ.

POWER INLET RECEPTACLE—This INTRO 90 features a dual voltage transformer for either 115V or 230V operation. **IN THE USA, ALWAYS USE THE 3 PRONG DETACHABLE CORD SUPPLIED, AND THE VOLTAGE SWITCH MUST BE IN THE 115V POSITION.** An external A.C. line fuse (spare included in the fuseholder) is provided.

EXPOSURE—Common sense (as well as the law) dictates that you do not operate the unit where it will be exposed to moisture or rain, excessive ambient heat (over 110 degrees F / 40 degrees C) or without a properly grounded A.C. power connector.

GENZ BENZ ENCLOSURES

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