

'84 '85 GUITAR/BASS AMPLIFIERS

Ibanez

IBANEZ

GX SERIES

GX SERIES FEATURES

- Three volume controls let you adjust your sound from clean and clear to cranked up and dirty. ● Specially designed and built Ibanez speaker. ● Rich, full reverb.
- Line out jack for recording or PA.
- Headphone jack for private practicing.

GX SPEAKERS

The sound of a guitar amplifier depends upon the match between the speaker and the amplifier. GX speakers have been specially designed to provide high efficiency, durability and great sound.



REVERB UNIT

Each GX series amplifier comes standard with a reverb unit which uses a special alloy spring to provide well balanced, deep reverb, spanning the frequency spectrum from bass to treble.



GX CIRCUITRY

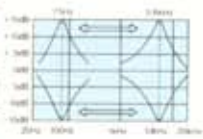
All GX amplifiers are built to the highest quality standards. Each amplifier must meet critical quality control specifications before shipment.

PARAMETRIC EQ (GX100・GX60)

Parametric EQ allows you a greater degree of control over the sound.

The frequency control can be varied from 75 Hz to 5.6 KHz.

The selected narrow band of frequencies can then be boosted or cut up to 15 dB by the level control. Parametric EQ is especially useful for enhancing or correcting particular characteristics of your instrument.









GX100

The top of line GX100 is one of the most innovative amplifiers available today. The 2 channel input stage lets you set each channel for different sounds and select the desired channel at the touch of a footswitch. The GX100 has provisions for 2 separate effects loops, which are also footswitch operated.
The 5 function footswitch also controls EQ on/off and reverb on/off.

DUAL EFFECT LOOP SYSTEM

The GX100 allows 2 separate groups of effects to be switched in or out by the remote footswitch.
For example, when firstly using CH1-Chorus and CH2-Analog Delay, and secondly CH1-Chorus and Analog Delay at the same time, you operate as follows. Connect Chorus to Effect Loop 1 and place CH1 by Effect Loop 1 CH1/CH2 switch. Nextly connect Analog Delay to Effect Loop 2 and place CH2 by Effect Loop 2 CH1/CH2 switch.
When you use Chorus and Analog Delay at the same time on CH1, place CH2 by Effect Loop 2 CH1/CH2.



FRONT PANEL

❶*INPUT JACK*
"High" for normal use. "Low" for high input level.
❷*CH1/CH2 SELECT SWITCH*
❸*OVERDRIVE CONTROL (CH1)*
Gain control for overdrive amplifier.
❹*CH1 INDICATOR*
❺*VOLUME CONTROL (CH1)*
❻*VOLUME CONTROL (CH2)*
❼*CH2 INDICATOR*
❽*MASTER VOLUME CONTROL*
Pull effects knob for brightness.
(No effects at max of ❺ or ❻ Volume Control.)
❾❿*BASS, TREBLE*
Tone controls.
⓫*LEVEL CONTROL (PARAMETRIC EQ)*
Controls ±15 dB boost and cut of equalization.
⓬*PARAMETRIC EQ ON/OFF INDICATOR*
⓭*FREQUENCY (PARAMETRIC EQ)*
Controls frequency of equalization (75 Hz — 5.7 KHz)
⓮*REVERB*
Controls amount of reverb sound.
⓯*REVERB ON/OFF INDICATOR*
⓰*POWER SWITCH*
Turns AC power on and off
⓱*FOOTSWITCH JACK*
⓲*EFFECTS LOOP 2 ON/OFF INDICATOR*
⓳*EFFECTS LOOP 2 RECEIVE JACK*
⓴*EFFECTS LOOP 2 SEND JACK*
㉑*CH1/CH2 SELECT SWITCH FOR EFFECTS LOOP 2*
㉒*EFFECTS LOOP 1 ON/OFF INDICATOR*
㉓*EFFECTS LOOP 1 RECEIVE JACK*
㉔*EFFECTS LOOP 1 SEND JACK*
㉕*CH1/CH2 SELECT SWITCH FOR EFFECTS LOOP 1*

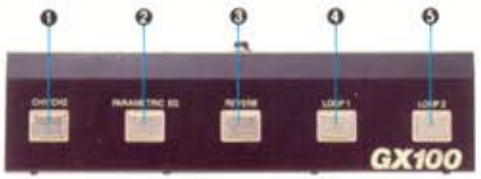
REAR PANEL



❶*GROUND SWITCH*
❷*FUSE HOLDER*
When changing fuse, make sure power is off and AC cord is unplugged.
❸*INTERNAL SPEAKER JACK*
❹*EXTERNAL SPEAKER JACK*
*Do not use speaker with total impedance of less than 4 ohms.
❺*LINE OUT JACK*
For use with recording or P.A.
❻*HEADPHONE JACK*

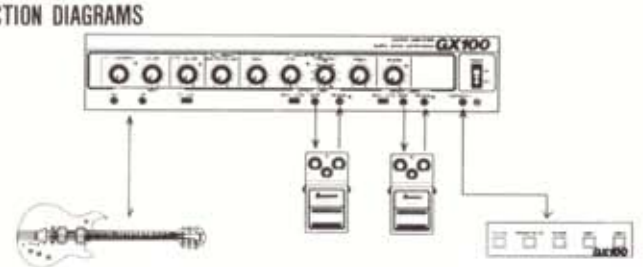
MULTIPURPOSE FOOTSWITCH

The footswitch utilizes FET electronic switching to eliminate noise.



❶*CHANNEL 1 OR CHANNEL 2* ❷*PARAMETRIC EQ ON/OFF* ❸*REVERB ON/OFF*
❹*EFFECTS LOOP 1 ON/OFF* ❺*EFFECTS LOOP 2 ON/OFF*

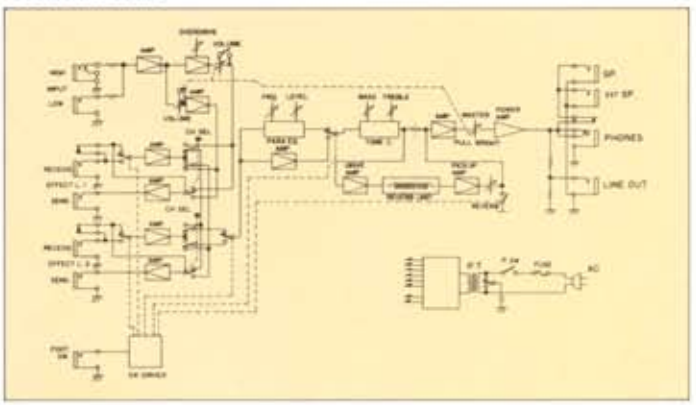
CONECTION DIAGRAMS



SPECIFICATIONS

Output Power	100W RMS, 200W PEAK (8 nhms)
Speaker	30 cm (8 ohms)
Inputs	Low (120 kohms) /High (330K ohms)
Controls	CH1 – Overdrive, Volume/CH2 – Volume/Master Volume (Pull-Bright), Reverb
Equalizer	Bass, Treble
Parametric EQ	Level (±15 dB), Frequency (75 Hz–5.6 KHz)
Outputs	Effect Loop 1 & Loop 2 – Send (1 Kohms) Receive (47 Kohms) /Phones (8 ohms), Ext. SP. (8 ohms), Line Out (600 ohms)
Select Switch	Input (CH1/CH2), Parametric EQ (On/Off) Reverb, Effect Loop 1 & Loop 2 (On/Off)
Power Requirements	117V AC 60 Hz 80W/220/240V AC 50 Hz 225W
Dimentions	548(W) × 477(H) × 277(D) mm
Weight	22.2 kg, 49 lbs

BLOCK DIAGRAMS



GX60



The GX60 is a full featured, 60 watt combo that lets the artist custom-tailor the amp's response to his sound. The input section provides clean-channel gain along with switchable overdrive for instant access to a rag ing lead sound. The Master Volume incorporates a "Bright" switch for added highs. The tone section contains treble and bass controls and a semi-parametric mid-range boost/cut section for a wide range of tonal possibilities. The reverb of the GX60 is lush and full.

The GX60 provides high and low level inputs, a line-level output, a "Main In" input for use with an external preamp or other program source, and a headphone driver for private practice. The Overdrive may be switched on via the front panel or by remote footswitch, and the Reverb is also foot-switch controlled. The GX60 uses a full range 12" speaker and is housed in an attractive, rugged cabinet for years of reliable performance.

The GX60 from Ibanez-a unique combination of features and performance unmatched by any combo in its class.

SPECIFICATIONS

Output Power	60W-RMS, 120W-PEAK (8 ohms)
Speaker	30 cm (8ohms)
Inputs	Low (120 Kohms)/High (330 Kohms)
Controls	Overdrive (Pull-On), Volume, Master Volume (Pull-Bright), Reverb
Equalizer	Bass, Treble
Parametric EQ	Level (±15 dB), Frequency (75 Hz–5.6 KHz)
Outputs	Pre Out (1 Kohms), Main In (47 Kohms) Phones (8 ohms), Ext. SP. (8 ohms), Line Out (600 ohms)
Footswitch	Reverb, Overdrive (Normal/Overdrive)
Power Requirements	117V AC 60 Hz 44W, 220/240V AC 50 Hz 150W
Dimentions	478(W) × 477(H) × 277(D) mm
Weight	15 kg, 33 lbs



GX30

The GX30 provides 30 watts of clean, driving power and features found on combos costing much more. The input section features switchable overdrive, clean channel level and Master Volume with Bright switch for easy access of lead and rhythm sounds. The tone section provides control of treble, middle and bass response. The Reverb control adjusts a wide range of reverb accents. The high efficiency 10" speaker handles every nuance of the GX30.

The GX30 provides high and low input jacks, a line-level output for studio and PA use, an extension speaker jack and a headphone driver for private practice. Ruggedly built, the GX30 from Ibanez can take the rigors of the road and provide consistant, high quality performance for stage and studio.

SPECIFICATIONS

Output Power	30W RMS/ 60W PEAK (8 ohms)
Speaker	25 cm (8 ohms)
Inputs	Low (120 Kohms)/High (470 Kohms)
Controls	Overdrive (Pull-On), Normal, Master Volume (Pull-Bright), Reverb
Equalizer	Bass, Middle, Treble
Outputs	Phone (8 ohms), Ext. Sp (8 ohms), Line Out (600 ohms)
Power Requirements	117V AC 60 Hz 25W, 220/240V AC 50 Hz 79W
Dimentions	405(W) × 427(H) × 230(D) mm
Weight	10.5 kg, 23 lbs.



GX20

The GX20 is the perfect amp for those who want big-amp performace and features in a down-sized combo. The GX20 packs 20 watts of power in a package that is rock solid and ready for the road.

The GX20 provides Overdrive and Normal inputs with individual level controls and Master Volume for a wide range of sounds from smooth rhythm to sizzling leads. The tone section contains treble, middle and bass controls and the Reverb delivers that "big room" sound. The GX20 also provides an extension speaker jack, a line-level output for PA and studio use, and a headphone driver for practice, The GX20 can be integrated into larger systems or used alone for practice, pre-performance tuning or hotel room jams. The GX-20 from Ibanez-don't hit the road without it.

SPECIFICATIONS

Output Power	20W RMS/ 40W PEAK (8 ohms)
Speaker	20 cm (8 ohms)
Inputs	Normal (1 Mohms)/Overdrive (1 Mohms)
Controls	Overdrive, Normal, Master, Reverb
Equalizer	Bass, Middle, Treble
Outputs	Phones (8 ohms), Ext. (8 ohms), Line Out (600 ohms)
Power Requirements	117V AC 60 Hz 17W, 220/240V AC 50 Hz 44W
Dimensions	340(W) × 370(H) × 230(D) mm
Weight	9.6 kg, 21 lbs.



GX10

The GX10 packs 10 watts of power in a rock solid wooden cabinet.

A combination of "Volume" and "Master" controls enable the amplifier to deliver a variety of sounds from "clean" to distortion.

3 band equalization (Bass, Middle, Treble) gives complete tonal flexibility.

The GX10 features headphone jack for private practicing as well as a line out jack for recording and PA Usage.

SPECIFICATIONS

Output Power	10W RMS/20W PEAK (4 ohms)
Speaker	20 cm (4 ohms)
Input	Normal (180 Kohms)/Overdrive (360 Kohms)
Controls	Volume, Master
Equalizer	Bass, Middle, Treble
Outputs	Phones (8 ohms), Line Out (600 ohms)
Power Requirement	120V AC 60 Hz 10W, 220/240V AC 50 Hz 26W
Dimentions	318(W)×336(H)×185(D)mm
Weight	6 kg, 13.2 lbs



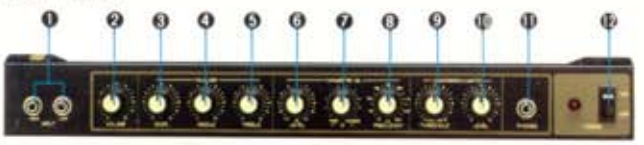
GX60B

The GX60B is the bass combo with features found only on separate systems. A truly professional amplifier, the GX60B provides a smooth 60 watts through a ported cabinet with a special design heavy duty 15" driver.

The electronics of the GX60B features high and low level inputs with Volume control, a primary tone section with bass, middle and treble controls, a fully parametric EQ for infinate tonal possibilities, and an exclusive compressor/limiter section for tailored attack and level control. The compressor/limiter may be switched via the front panel or by an optional footswitch, and the parametric EQ is footswitch controllable. The GX60B also provides a line-level output and a headphone driver for private practice and tuning.

The GX60B is ruggedly constructed and is provided with removable heavy duty casters. The GX60B from Ibanez-the bass combo with the rack system sound.

FRONT PANEL



❶ ***INPUT JACK***
"High" for normal use. "Low" for high input level. Plugging two jacks works as high impedance.

❷ ***VOLUME CONTROL***

❸ ***EQUALIZER – BASS***
Turning CW increase bass-boost. Turning CCW low-cut.

❹ ***EQUALIZER – MIDDLE***
Turning CW boost middle range.

❺ ***EQUALIZER – TREBLE***
Turing CW boost treble.

❻ ***PARAMERIC EQ –LEVEL CONTROL***
Controls ±15 dB boost and cut of equalization on frequency pre-set by "Q" and "FREQUENCY" controls.

❼ ***PARAMETRIC EQ – Q CONTROL***
Variable controls the mode of width. Turning CW narrow wave CCW for flat waveform controlled.

❽ ***PARAMETRIC EQ – FREQUENCY***
Controls frequency of equalization (75 Hz–5.6 KHz)

❾ ***COMPRESSOR/LIMITER – THRESHOLD***
Pulling the knob is on of COMPRESSOR/LIMITER. Turning CW compress large input signal and amplifies small level, making long smooth sustain effect without distortion.

❿ ***COMPRESSOR/LIMITER – LEVEL***
Pre-set level balance of IN/OUT (By-passed). Turing CW increase level.

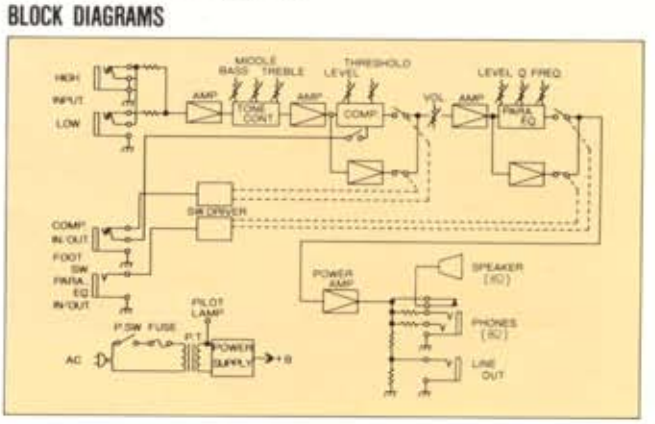
⓫ ***PHONE JACK***
Phone jack for private practicing.

⓬ ***POWER SWITCH***

SPECIFICATIONS

Output Power	60W RMS/120W Peak @ 1 KHz. THD 3%. 8 ohms
Speaker	38 cm. (8 ohms)
Inputs	High (340 Kohms. −35 dB)/Low (60 Kohms. −23 dB) @ 1 KHz. Volume & Equalizer at 10
Outputs	Phones (−8 dB @ 60W. 8 ohms) Line Out (−20 dB @ 60W. 600 ohms)
Controls	Volume, Equalizer-Bass (12 dB @ 70 Hz). Middle (11 dB @ 300 Hz). Treble (18 dB @ 7 KHz), Parametric EQ-Level (±15 dB). Parametric EQ-Frequency (75 Hz–5.6 KHz), Compressor/ Limiter-Threshold. Level
Footswitch	Parametric EQ (IN/OUT), Compressor/Limiter (IN/OUT)
Noise	−51 dB @ Volume at 0, −40 dB @ Volume at 10
Power Requirements	117V AC 60 Hz 52W, 220/240V AC 50 Hz 143W
Dimentions	587(W) × 678(H) × 338(D) mm
Weight	28.3 kg, 62.4 lbs

BLOCK DIAGRAMS





GX40B

The GX40B provides the sound and features of larger systems and the convenience of a down-sized combo. The 40 watts of the GX40B drives a newly designed high efficiency 12" speaker in a bass reflex cabinet of unusal response.

The GX40B features high and low input jacks with level control, primary tone control with bass, middle and treble, and a fully parametric EQ system for accents or custom tailoring of the sound. The parametric EQ is footswitch controllable for instant access. The GX40B also features a line level output for PA and studio use and a headphone driver for private practice.

The GX40B is built for years of reliable service on the road, stage or studio. The GX40B from Ibanez-hearing is believing.

SPECIFICATIONS

Output Power	40W RMS/80W PEAK @ 1 KHz. THD 3%. 8 ohms
Speaker	30 cm. (8 ohms)
Inputs	High (340 Kohms.−37. 5 dB)/Low(80 Kohms.−25. 5 dB) @ 1 KHz. Volume & Equalizer at 10
Outputs	Phones (−8 dB @ 40W. 8 ohms) Line Out (−20 dB @ 40W. 600 ohms)
Controls	Volume, Equalizer-Bass (12 dB @ 70 Hz). Middle (11 dB @ 300 Hz) Treble (18 dB @ 7 KHz), Parametric EQ-Level (±15 dB). Q. Frequency (75 Hz−5.6 KHz),
Foot Switch	Parametric EQ (IN/OUT),
Noise	−59 dB @ Volume at 0, −40 dB @ Volume at 10
Power Requirements	117V AC 60 Hz 31W, 220/240V AC 50 Hz 101W
Dimentions	477(W) × 470(H) × 338(D) mm
Weight	16.9 kg, 37.2 lbs



GX20B

The GX20B delivers 20 watts of power into a high efficiency 12" speaker mounted in a bass-reflex cabinet for full clean lows.

3 band equalization (Bass, Middle, Treble) gives complete tonal versatility.

Built-in compressor provides variable effects between smooth compression and hard limiting.

The GX20B features line out jack for connecting to PA and recording gear as well as a headphone output for private practicing.

SPECIFICATIONS

Output Power	20 W RMS/40 W PEAK @1 KHz. THD 3% 8 ohms
Speaker	30 cm (8 ohms)
Inputs	High 350 Kohms −36 dB Low 80 Kohms −24 dB
Outputs	Phones (−5 dB @20 W 8 ohms) Line Out (0 dB @20 W 600 ohms)
Controls	Volume, Bass, Middle, Treble, Compressor-Limiter
Power Requirement	120 V AC 60 Hz 20 W, 220/240 V AC 50 Hz 48 W
Dimention	425(W) × 473(H) × 225(H) mm
Weight	12.4 kg, 27.3 lbs.



Tomorrow's Innovations

Ibanez

Ibanez guitar amplifiers are sold and serviced by

COPYRIGHT 1983 DEC-83073-20,000 PRINTED IN JAPAN