The output level of the instrument as well as the quality of the signal can be affected by the pickup height. Pickup height should be adjusted until the volume of the neck and bridge pickups are almost equal with both volumes wide open. The volume may drop drastically if the pickup height is too low. As the pickups are magnetic, fret buzzing and distortion may occur if the pickup is too close to the strings. Use a small screwdriver to make adjustments to raise or lower the pickup.

*Instruments that have adjustable pole pieces can be adjusted to balance the output of each string.

**NECK**

Ibanez steel string models are equipped with adjustable truss rods. The purpose of a truss rod is to adjust the neck to counteract string tension. There are many reasons for truss rod adjustments. One of the most frequent reasons is changing string gauges or having pitch which can affect string tension. String tension changes may affect the string height and cause fret buzz or incorrect notes. To adjust the truss rod, locate the truss rod nut and adjust it by inserting the correct wrench into the nut and tightening (clockwise) or loosening (counter clockwise) the rod. Truss rod tension can be measured by installing a capo at the first fret, holding the string down at the first position where the neck joins the body. Insert a thickness gauge between the string and the fret at the 12th fret. There should be between 0.3 mm and 0.5 mm clearance. That clearance is referred to as “neck relief.” Too much neck relief can cause the neck to have higher action in the middle of the neck causing poor intonation and uncomfortable playability. No neck relief can cause fret buzz.

*Inappropriate care must be taken when adjusting the neck. Please note that the truss rod only provides limited potential for neck adjustment.

**INTONATION**

Intonation adjustment is the operation of adjusting the location of the string at the saddle to compensate for different tuning. Follow the instructions of the particular bridge installation below. Intonation is properly set when the 12th fret note and the 12th fret harmonics are exactly the same note. This is the center point of the scale and the most accurate way of settling a standard scale length. With the harmonic note as the standard, if the fretted note is flat, move the bridge saddle forward toward the headstock to decrease the string length. If the fretted note is sharp, move it back away from the headstock to increase the string length appropriately.

*Please note that strings can be broken when the saddle is moved, so always loosen the strings before making adjustment.

**PIECES**

The battery should be changed when the volume becomes weak or the sound becomes distorted. Use a new 9-volt alkaline (not lithium or carbon) battery. The battery is inserted in a cavity in the lower back of the body. Inserting a plug into the jack activates the power supply. Be sure to disconnect the cord when the bass is not in use; this will prevent the battery from draining.

**MAINTENANCE**

Our congratulations and deepest thanks on making Ibanez your choice of instrument. Ibanez standards are second to none. All Ibanez instruments are set up to our strict quality control standards before shipping. The purpose of this manual is to explain how to maintain your instrument’s finish and to keep your guitar playing as well as it did when it left our factory.

**CLEANING**

Regular cleaning of your bass is one of the most important ways you can maintain the finish and lengthen string life. After playing, wipe down your instrument to remove any perspiration from the instrument. Perspiration can actually contain acids that can be corrosive to the strings and metal parts of the bass. Gloss finish basses should be polished with polish formulated specifically for musical instruments, and a soft treated guitar cloth or a cotton rag. Abrasive rags such as polyester can scratch the finish. Oil finished basses should be wiped clean immediately after playing with a dry cotton rag only. If your bass has become discolored due to extended use or heavy perspiration, factory appearance, see a qualified bass repair person about methods to restore the oil finish to its original factory appearance.

**BATTERY**

This is to certify that the aforementioned equipments fully conform to protection requirements of the following EC
BASS BRIDGES

B100, B105, B107 BRIDGE
SR, SRX, RD, BTB
The B100, B105 and B106 bass bridges were designed for easy string change. The strings are installed by hooking the ball end into the string catch at the rear of the bridge. The intonation can be adjusted by moving the saddle forward or backward using a Phillips head (+) or screwdriver on the adjustment screw at the rear of the bridge. String height is controlled by using a 1.5mm Allen wrench to raise or lower the Allen screws on either side of the saddle.

B10, B15 BRIDGE
SR, GSR, ICB, GAXB
To replace strings, thread the new strings through the string holes located on the back of the tailpiece and bring them up and over the saddle. The intonation can be adjusted by moving the saddle forward or backward using a Phillips head (+) or screwdriver on the adjustment screw at the rear of the bridge. String height is controlled by using a 1.5mm Allen wrench to raise or lower the Allen screws on either side of the saddle.

ACCU-CAST B200/B205
SRX, DMB3, RD
REPLACING THE STRINGS
The Accu-Cast B200 and B205 bass bridges allow two styles of string installation. The strings are installed by lowering the ball end into the bridge and hooking the ball end below the string catch at the bridge (Figure 1). In this method, the strings are installed by lowering the ball end into the bridge and hooking the string catch directly below the saddle. This increases string tension and adds sustain. (Figure 3)

STRING HEIGHT
To raise or lower the string action, insert the correct Allen wrench into the screw (A) at the saddle. To raise the saddle turn the wrench clockwise and to lower the saddle turn the wrench counter clockwise.
INTONATION
Intonation adjustment can be made by adjusting the intonation screws (B) at the rear of the bridge to move saddle back and counter clockwise to move the saddle forward.

ACCU-CAST B20/B25
SR
The Accu-Cast bass bridge was designed for easy string change, durability, and accurate string height adjustment. To raise or lower the string action, insert the correct Allen wrench into the screw (A) at the saddle. To raise the saddle turn the wrench clockwise and to lower the saddle turn the wrench counter clockwise.

E-BIO 5STRING BRIDGE
DMB5
E-BIO 5String bridge was designed for easy string change. The strings are installed by lowering the ball end into the string catch at the rear of the bridge. The intonation can be adjusted by moving the saddle forward or backward using a Phillips head (+) or screwdriver on the adjustment screw at the rear of the bridge. String height is controlled by using a 2.0mm Allen wrench to raise or lower the Allen screws on either side of the saddle.

BASS ELECTRONICS

BASS CONTROLS
Each of the bass pre-amps are specifically voiced to bring out the distinctive tone of each model.

“YARI-MID” 3BAND EQ

PHAT EQ

BARTOLINI® EQ

3BAND EQ

PASSIVE

SR with BARTOLINI® MK-1

SRX with PHAT II

GSR with PHAT II

SR, GSR, ICB, GAXB

SR with BARTOLINI® NTBT

SRX with PHAT II

BTB with PHAT II

SR, SRX, RD, BTB

BTB “Vari-mid” 3band eq

BTB with VARI-MID IIIB 18V

BTB with VARI-MID III

SR, GSR, ICB, GAXB

All 2 pickups models : Pickup Balancer
The pickup balance control pot allows the user to blend between the front and back pickups using a single pot. The center position of the pot has a de-tent which will set both pickups to equal output. Turning the knob clockwise increases the neck pickup while decreasing of the output of the bridge pickup. Turning the knob counter clockwise decreases the neck pickup and increases the output of the bridge pickup.

BASS BRIDGES

BASS ELECTRONICS

BASS CONTROLS

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BARTOLINI® EQ

3BAND EQ

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