

■ SPECIFICATIONS

● CONDENSER MICROPHONE

Polar pattern	Omni-directional
Output impedance	600 ohms
Power source	Mercury cell battery (H-C type, 1.35V)

● PICKUP

Output impedance	1 M ohms
------------------	----------

● MIXING BOX

Input impedance	Mic-200 ohms, PU-1 M ohms
Output impedance	10K ohms
Tone	Bass 70Hz \pm 11dB, Treble 7KHz \pm 12dB
Dimension	111(D) \times 60(W) \times 52(H) mm
Weight	250g

* Change without notice for improvement.

Ibanez[®] DUAL-MIX

AMPLIFIED ACOUSTIC GUITAR

INSTRUCTIONS MANUAL

Most acoustic electric guitars use one or more piezo-ceramic type transducers to pickup the sound of the guitar. While they do work acceptably, they cannot reproduce the true sound of the instrument. These transducers reproduce the vibrations of only that part of the soundboard to which they are fastened. The sound of the guitar is a result of how all the portions of the soundboard vibrate and how these vibrations are enhanced by the body of the instrument.

It would take dozens of contact pickups to reproduce the sound of an acoustic guitar accurately. Or it would take the combination of tow different kinds of transducers-the Ibanez Dual-Mix System.

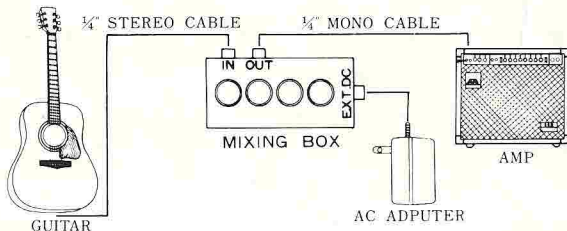
The Dual-Mix System uses a piezo-ceramic transducer and a high quality miniature condenser microphone, combined in a special mixing box, to give you the truest acoustic sound of any guitar to date.

Based on our finest Artwood AW-70 and AW-90, the Dual-Mix amplified acoustic is the result of several years of research and consultation with many professional sound engineers. This instrument has been thoroughly tested in concert applications and has consistently given a true acoustic sound with very little feedback or string noise.

■ FEATURES

- True acoustic sound through combined use of piezo-ceramic transducer and condenser microphone.
- Remote Dual-Mix mixing box to allow for proper balance between both elements. Bass and treble equalization.
- Sturdy $\frac{1}{4}$ " phone connectors.

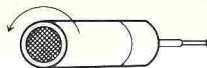
■ CONNECTION DIAGRAM



- ① Connect Dual-Mix box to instrument using stereo (ring, tip, sleeve) cable.
- ② Connect Dual-Mix box to amp using $\frac{1}{4}$ " mono cable.
- ③ Set all controls at mid (12 O'clock) position.
- ④ The levels of the microphone and pickup can be individually controlled by using the corresponding volume controls.
- ⑤ The bass and treble equalizers can boost or cut the high and low frequencies. These can be adjusted to produce the desired tone with the least feedback.

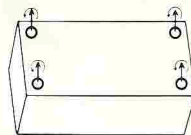
■ CHANGING THE BATTERY

● CONDENSER MICROPHONE



Turning CCW the head of microphone, remove it. Microphone includes mercury battery (H-C) type.

● MIXING BOX



Remove the four screws on the bottom of the unit and take off. Use proper screw-driver.

■ NOTES

- To avoid howling of condenser microphone, do not face the microphone at front of amplifier.
- Unplug the stereo plug from guitar and mixing box for battery life.
- When storing, remove batteries.
- You may hear some loss of level and distortion when the batteries begin to run down.
- When using external power sources, it is not necessary to take battery off. Switching is automatically turn on.

Ibanez[®]

artwood ★ *Dual Mix*

The Ibanez "Dual Mix" system uses a piezo ceramic transducer for bass / mid-range and a high quality miniature condenser microphone for the high end treble range. The mike and transducer are then mixed in a remote control box which features volume and bass / treble equalization controls.

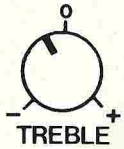
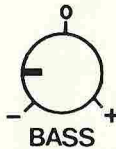
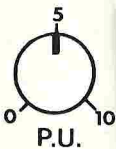
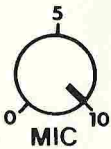
Using both a transducer and a microphone, you get the purest acoustic sound of any electric / acoustic guitar on the market today. With this combination, feed back is minimal as you can balance both the mike and pickup and still allow the top to vibrate freely.

● CAUTION ●

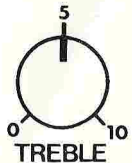
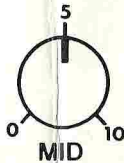
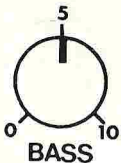
Avoid facing the guitar towards your speaker as feedback will occur. (Should feedback occur in either range, it can be eliminated by decreasing either the treble or bass intensity.)

● SAMPLE SETTING ●

◀ MIXING BOX



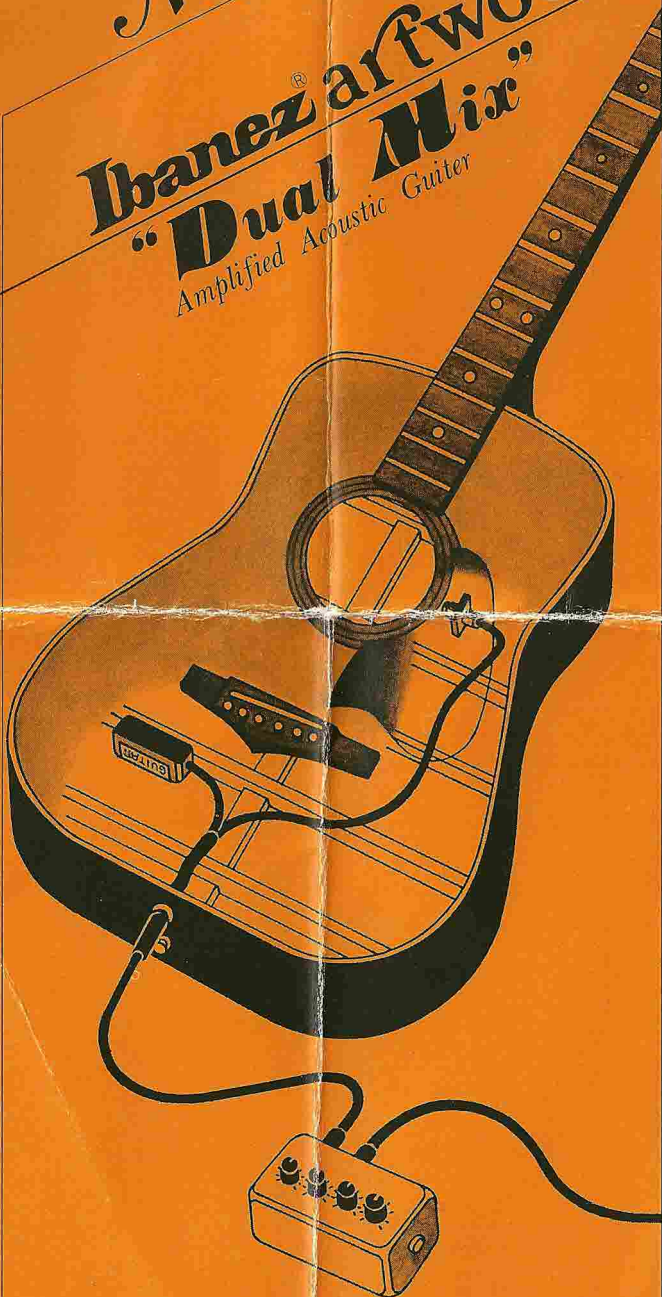
◀ GUITAR AMP



※ Sample setting not applied for all amplifiers.

※ Avoid placing MIXING BOX on an amplifier as noise will occur.

New
Ibanez® artwood
"Dual Mix"
Amplified Acoustic Guitars



★ Please read the reverse side and the enclosed instructions prior to using the "Dual Mix" system.