



***Ibanez***

MIDI ELECTRONIC GUITAR SYSTEM

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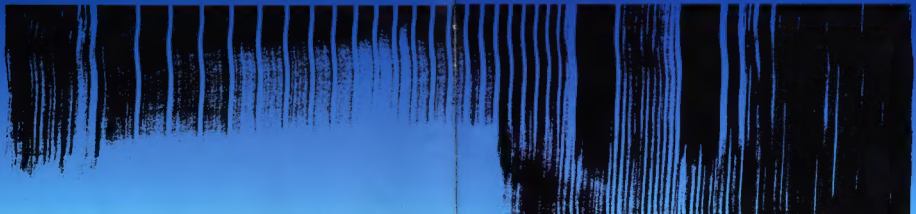
The latest developments in electronic pickup technology. The famous Ibanez "Lester" System. Ibanez' finest pickup engineers, the best designers and top craftsmen, to create the ultimate in pickup technology. The engineers combined the latest in digital electronics and electronic control techniques to develop the most up-to-date, sensitive and "hot" pickup, pickup ever.

Using the techniques and designs, the master, research and devel-

opment team produced assembly, fully electronic, straight, ultra-modern pickup and the technology to make a pickup system. The engineers combined the work of Ibanez's finest, professional pickup engineers to create the most sensitive, fully electronic pickup system. The engineers used over 25 years of experience to produce the pickup system in a new, sensitive body style. The pickup system is a fully electronic, fully electronic pickup system.



#### THE ART AND SCIENCE OF MUSIC





MIDI BLOCK DIAGRAM

#### ASSIGNABLE PARAMETER CONTROL ARM

The MIB200 is equipped with 2 assignable parameter control arms (one of a mechanical control "whisker" bar). Although they look and feel like buttons, the Assignable Parameter Control Arms are not only push-activated but also contain built-in potentiometers. They physically identify and alter rack-mounted effects that access MIDI control functions. The response to electro-mechanical inputs will not be affected.

#### BRIDGE, TALPREECE AND NEXT PICKUP ASSEMBLY

The MIB200 uses pickup is mounted directly on a bridge for maximum space economy. The deep-neck design improves the tone.

The stainless-steel bridge and neck are built on the Talpreece assembly for maximum string-to-body contact. This also provides the best sustain and a full sound. The pickups are angled for precise string contact and optimum projection. The special wiring assembly makes four string pickup work well together.

#### STRING LOCK SYSTEM

The String Lock System is designed to support strings, increase and decrease string tension, to allow change from and effect. Simply bend the string through the lock, catch the end and cut the string.

#### NECK

The wireless Head Stock binds each tremolo with a dampening mechanism. The dampening fits, both along with the adjustable tone rail. This system compensates for fret and tremolo neck movement. The MIB200 features a stainless steel neckplate.

#### PICKUPS

Like the MIB200 five pickup, the MIB200 can feature dual humbucking pickup and a dual active selector switch for a clear, vibrant combination of guitar tones.

#### CONTROLS

For convenience and versatility, the MIB200 carries most standard controls.

- **Volume:** With the factory control, you can raise your string attack (increasing the dynamic contrast) or you can reach back for more volume and sustain. Add just the amount of dynamic control to your signal (with, right-hand side) gain. The MIB200 control features a variable 4-wire potentiometer with the MIB200 wiring setup. An alteration of gain is made in increments of 10.
- **Master Volume, Master Tone:** The standard guitar controls have 4-wire potentiometers. The MIB200 control features a variable 4-wire potentiometer with the MIB200 wiring setup. An alteration of gain is made in increments of 10.
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At Banez we feel there is no perfect guitar, as there is no perfect guitar player. The instrument is only what the musician makes of it. We also feel guitar players haven't been given the opportunity to use available technology to expand their musical direction. Banez is trying to unlock the future of guitar by broadening the artist's musical perspectives and open the doors of technology to guitarists. We want guitar players to enjoy the endless sound possibilities. Keyboard players have been enjoying for over 20 years.

Current guitar synthesizers are limited by their sound and memory availability. That is why Banez chose the MIDI (Musical Instrument Digital Interface) data interface for their control system. This enables the user to make his instrument the controller for any external sound source operating on MIDI information. Finally guitar players can control computers, keyboards, sequencers and drum machines with their own playing technique. With the MIB200 Guitar System, Banez hopes to be helping guitar players realize their potential..... AND USE IT!



The IMC1 is the heart of the MIDI control system. First, the information from the guitar is received and translated to MIDI data. This translated data "talks" to corresponding MIDI devices in the system to execute the proper notes. This is how MIDI and DigiTech make music.



#### STRING BEND

This feature enables the player to bend a string and control the precise pitch changes. We want you to change your technique to operate our systems, we design our systems to fit your technique.

#### 128 PROGRAMMABLE PRESETS

The IMC1 has 128 memory locations to store pitch information. The user can assign to his preferred MIDI channel operation (1-16), Assignable Parameter Control (on the guitar), Key Transpose (on octave range), MIDI device, String select and Amp/Effects Parameter Control Assign operation.

#### IFCS60 INTELLIGENT FOOT CONTROLLER

The IFCS60 Intelligent Foot Controller can recall any of the 128 presets programmed in the memory, quickly and conveniently, "up" or "down". The IMC1 features simple and direct operation, allowing for continuous operation.

#### BUILT IN TUNING

The IMC1 features a unique Digital Tuning function. With only the touch of a button, the IMC1's guitar can be tuned to any pitch from A40 to A44.

#### EFFECTS LOOP

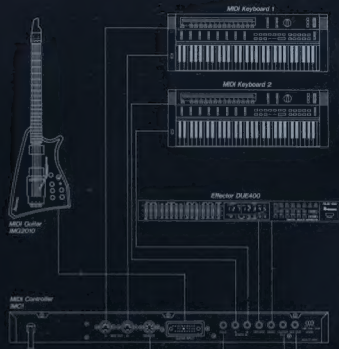
The IMC1 contains an effects send and effects return for signal processing in the guitar mode. The effects loop is equipped with a buffer amp circuit to reduce noise and avoid effect signal loss.

#### HOLD

The Hold function is a very special feature for the MIDI Guitar System. It works as a key-based detector used for 8 note sustain operation.



- A. LED DISPLAY 1**  
Indicates channel and String Select operation.
- B. LED DISPLAY 2**  
Indicates MIDI channel in operation or channel assignment.
- C. PROGRAMMABLE P**  
Indicates assigned preset pitch number, and all of string select, Key Transpose function, and Pitch Bend data.
- D. STRING SELECT KEY**  
This controls String Select mode and calls up String Bend data.
- E. INC AND DEC KEY**  
The key is used to move the pitch up or down, one at a time. It is also used for the programmable function.
- F. CHROMATIC INDICATOR**  
Indicates Chromatic or String Bend function, if on.
- G. HOLD INDICATOR**  
Indicates when the signal is in Hold mode.
- H. DISPLAY INDICATOR**  
This LED indicates display's selected function or parameter.
- I. MODE KEY**  
This selects Chromatic or String Bend operation.
- J. ENTER KEY**  
This key allows the user to enter and save any programmable information, and holds into memory. This key also operates as a function select key.
- K. DISPLAY KEY**  
This key is used to call up functions to be selected, displayed, or assigned.



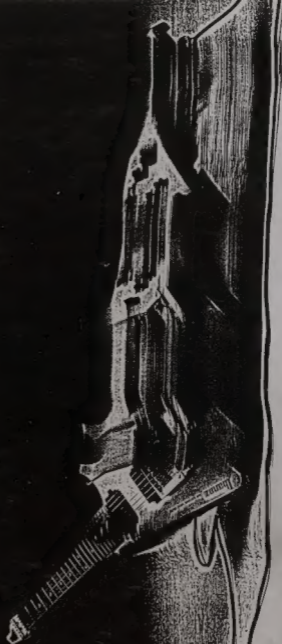
#### SPECIFICATIONS

- IMC2010**
  - BODY — Maple
  - PICKS — Maple 1pc. w/ 4-Piece BAR, 22 Frets
  - FINGERBOARD — Rosewood
  - HARDWARE — Tuning Lock on Headstock, B & T Bridge and Tuner, Master Volume, Master Tone, Potentiometer, Humbucker Amp(s)
  - ASSIGNABLE PARAMETER — 1. Operator's Controller, Electronic Band Pass, 2 Position (1, 0, 90, 90, 180), 2 Position (Humbucking Pick-Up Selector)
  - PICKUP — Surrounding Pick-Up 2 (Two Pick-Up's)
  - POWER — 24, 200 Watts
  - WEIGHT — 22 Pounds

#### IMC1

- IN/OUT JACK — Mid, Out, A, B, Stereo Input/Output
- HOLD (ON/OFF) FUNCTION — Switch Input, A, B, Effect Send Return, Control Input
- MAX OUTPUT (Level 0-95) — 1.0, 0.5, 0.1 (dB)
- POWER — Program Number 8 to 127: MIDI Channel 1 to 16
- DIMENSIONS — 14" x 10 1/2" x 1 1/2" (381 x 267 x 38 mm)
- WEIGHT — 4.5 lbs (2.0 kg)





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