THE ROADSTAR II PHILOSOPHY DEFINED

The Roadstar II Philosophy Defined

Keeping the standards of quality at their highest.

When you examine the quality of a guitar, many factors must be taken into consideration. Sound, construction, features, and price — all of these elements play a key role in determining a guitar's quality. However, one is an especially important point that will ultimately influence your final purchasing decision more than any of the rest: that single factor being the overall "feel" of the instrument.

At Banner we've spent a great deal of time working very closely with professional musicians finding out exactly what it is that gives a guitar that certain "feel." Ask any guitarist what's the most critical aspect of a guitar's construction, and their reply almost certainly will be: "The shape and feel of the neck." The neck of your guitar is the crucial link between what's in your mind and what you can actually communicate through your playing.

Not only the proportions for crafting a neck is so followed: the wood or woods are first selected, seasoned, then Artificially Seasoned; they're formed and finished. How because wood is a living, breathing material, it has easy to change according to environment. These changes result in neck warpage or curling.

In order to minimize those effects, Banner has developed a new technique for seasoning timbers intended for neck construction. This new system results in many of the same string resistance while tuning, two examples of how Banner designs from the musician's point of view.

Other developments include the refinement of the neck, the development of new neck arrangements and parts generally remain constant: the only possible means for cost cutting is through improved production techniques. Advanced technology has enabled Banner to implement the use of mechanical resonator coupling devices to make the most possible of a handcrafted guitar body in the final product. The speed and accuracy of its computer controlled machines are unparalleled by any other manufacturer.

Keeping the instrument affordable...

Keeping a high quality guitar affordable in today's economy is a difficult task. Banner is committed to producing the best quality product and parts generally remain constant: the only possible means for cost cutting is through improved production techniques. Banner's advanced computerized manufacturing process ensures that the neck on your Banner Roadstar II will be as thin and flat as the nature will possibly allow.

Keeping up the world's... over greening demand for reasonableness... process.

Keeping you, the Banner player, a step ahead of the rest...

The Banner design team is constantly exploring new areas of guitar technology to help you play your guitar. A step ahead of the rest...

The new Roadstar II models in this catalog are the result of years of research, development, and testing by Banner's professional musicians. Every aspect of the design, from construction to performance, has been carefully examined and refined to produce a perfect balance of tone and volume. Banner's unique soundhole design provides maximum sound output without distortion. The Roadstar II models' sound quality is unsurpassed, offering a rich, full-bodied tone that will stand out in any ensemble.

Banner's commitment to quality and innovation ensures that you will be able to enjoy your guitar for many years to come. Order your new Banner Roadstar II today and experience the difference that quality craftsmanship makes.

ROADSTAR II

Over the past several years the K & B Guitar group at Banner have been workingdeveloping various approaches to the design that make your guitar sound better. Banner's advanced computerized manufacturing process ensures that the neck on your Banner Roadstar II will be as thin and flat as the nature will possibly allow.

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RS150D
When the Roadster concept was first conceived, the idea was to design a line of solid body electric that would offer unprecedented quality and value. The Roadster 1450 and 1490 models take this idea and go one further, bringing you two of the most distinctive instruments ever made. Many of their unique features are normally found only on the most expensive custom model pieces. Here before have patterns of such higher quality and construction have been afforded as “pads and better” models.

The RS150D’s advanced “Multi-Combination” pickup system allows for the arrangement of virtually any configuration imaginable. Through the use of individually isolated dual coil systems, this unique system’s versatility will be for varied sound possibilities becomes unlimited. Because of the RS150D’s neck through body construction, tunable and structural stability are maximized. Other features include the newly developed “Steel Rocker” pre-tremolo treblecap, a solid Ash Brown Sunburst carved body, gold plated “Sweater Tuner” machine heads, and “Turn Toe” control knobs.

RS1493
RS1493 offers all of the same structural advantages as the RS1460, but employs the use of two separate “Dual Sound” systems that enable you to match them single- or twin-coil to your backing simply by pushing the tone control knob. The RS1493 also incorporates the use of the Short Scale trapeze which was recently designed by famous engineers to provide a sharper angle between saddle and tailpiece. This design allows for large stringing problems normally associated with most trapeze has been completely eliminated. The RS1493 is available in the striking “new finish Silver Sparkle”, both the RS1490 and RS1493 exemplify state of the art guitar design for the ’90s.

STRAIGHT-THRU NECK
RS150D-RS1590 have no neck in body joint. The neck uses the entire length of the instrument, from headstock to end pin, for the best in sustain and structural rigidity.

SHORT STOP BRIDGE TAILPIECE
ADJUSTMENT INSTRUCTION

1. Adjust the screw 1 to your desired bridge height. (a) Turn the screw clockwise if the fretboard rises or if it is in a higher position than the fundamental note.
(b) Turn the screw counterclockwise if the fretboard falls or it is in a lower position than the fundamental note.

2. Tighten the screw 2 to lock position. After the initial adjustment is completed.

FEATURES OF "SHORT STOP" BRIDGE TAILPIECE (PAT. PEND.)

1. PRESET TUNING ANGLE

The "SHORT STOP" is designed to solve the tilting problem connected with intonation and is made with a right angle on an echo type bridge tailpiece. For this reason, there is an accurate string travel which eliminates string buzz problems.

2. WIDER ADJUSTMENT PANEL IN BRIDGE ANGLE

The "SHORT STOP" has created more possible flexibility for wider adjustment range.

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<thead>
<tr>
<th>RS1493</th>
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<td>Ash china Tag</td>
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<tr>
<td>Neck</td>
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<tr>
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<table>
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RS CUSTOM

RS1000

The RS1000 is the ultimate in simplicity, straight-through guitar design. Built for the guitarist who likes it clean and simple approach to playing, the RS1000 reflects the highest degree of craftsmanship imaginable.

The RS1000 features a hand-carved maple top body constructed of highly figured Bird's-Eye Maple and Rosewood. A solid Neck Maple neck is finished with a Rosewood fingerboard for added playability. Two Super 58 pickups provide an extra sweet, extra warm "vintage" sound perfect for near-axis or hot rhythm players. New improved Sure Grip II control knobs, Smooth Tone II machine heads, plus the Hard Rocker Pro tremolo system make the RS1000 a class all its own.

The RS1000 is available in a beautiful Cherry Sunburst finish.

IBANEZ TRIOLO SYSTEMS

More and more today, guitarists are using trioelo systems to accent their playing styles. The contemporary guitarist needs a trioelo system that is smooth, comfortably weighted, and incapable of producing noise when not in use, which is precisely what the trioelo system accomplishes.

The Hard Rocker Pro trioelo system delivers the design features of the Hard Rocker with a unique trioelo locking system. Pressure on the trioelo string on the saddle totally eliminates string slipping at the bridge. With trioelo systems, effects are now possible without loss of critical instrument tuning.

EXPLoded VIEW OF "HARD ROCKER-PRO"

1. 4 x 3/8 inch screws will be supplied as standard set as.

"HARD ROCKER-PRO" STRING CHANGE INSTRUCTIONS

1. Lift off the saddle as shown in drawing. Slip the string through and back the end of the instrument.

2. Lift the saddle down.

3. Do not adjust the string or machine head at this stage.

4. When the saddle top on the string clamp can be inserted in to the slot.

5. The clamp must be inserted as shown in the drawing so that the clamp will slide forward in the slot.

6. Place the string on the machine head until string tension is correct.

7. Set the string by adjusting the screw A and screw C. (Refer to the instruction for "TONE ADJUSTMENT SYSTEM.")

8. Set the tension by adjusting the screw C.

9. Lift the clamp.

10. Tighten the screw C to lock the string in place.

11. Final tuning.

SPLIT DRAWINGS OF "HARD ROCK-PRO"

The trioelo is actually made of "U" shaped in use, one can see on the drawing.

1. String clamp

2. Requires only a moderate tension from the string clamp which moves the string clamp back for holding the string in place securely.

RS1000

| Body | Rosewood Maple & Rosewood Mahogany Shell
| Neck | Rosewood Fingerboard
| Machine Heads | Sure Grip II
| Bridge | Hard Rocker Pro
| Controls | 1 Volume, 1 Tone, 3 Way Toggle
| Pickups | Super 58
| Color | Sunburst
| Hardware | Gold
| Finish | Gloss

CONTROL SET: RS1000
SUPER POWER B PICKUP
The SUPER POWER B is one of the hottest and most distinctive of Ibanez pickups. The SUPER POWER B features an extra-wide frequency range from thin, sweeping highs to powerful lows and bass. The silico magnet and unique coil design provide the SUPER POWER B with a sound that is definitively "Rock 'N Roll!"

Ibanez Tremolo System
The Hard Rocker tremolo system utilizes a D-shaped string path between the bridge and the strings. This innovation drastically reduces string stretch and increases sustain. Hard Rocker tremolo all have the same level of tremolo action. The bridge is designed for comfortable and easy tremolo action.

RS625
The RS625 is Ibanez' most advanced electric guitar. It features a combination of all-Rosewood body, maple neck, and maple fingerboard. The RS625 is designed for players who demand the best in tone and sustain. The RS625 is available in both standard and custom models.

Features of the "TWIN ADJUSTMENT" System on Hard Rocker and Hard Rocker-Pro
The bridge with 4 sets of adjustable saddles is adjustable for the height. For the best possible tone, the bridge has been designed to provide the maximum amount of flexibility.

LOW BROKE SETTING: Lower the bridge and raise the action by adjusting the saddles. More correctly, to reduce string effect by lowering the bridge and raising the saddle. Lowering the bridge system can be used with the low broked system.

HIGH BROKE SETTING: Raise the bridge and lower the saddle by adjusting the saddles. More correctly, to increase string effect by raising the bridge. The high broked system can be used with the high broked system.

SPLIT DRAWING OF BRIDGE JUIN ON "HARD ROCKER AND HARD ROCKER-PRO"
SUPER 6
The Super 6 features Super 6 pickups, the hottest single coils of their type ever to screen a hot back. Wound with twice the windings of conventional single coils, and with a new magnet structure, the Super 6 delivers its awesome output with stringy, fullness and excellent treble.

RS DELUXE

SUPER 6

DEAD END STRAP POST
The Q-DEAD END STRAP POST has built-in safety features. When the strap post is illuminated, the strap will automatically separate. The unique design of the Q-DEAD END STRAP POST captures the strap without the use of locking systems. The strap attachment or removal is quick and easy.

SURE GRIP II CONTROL KNOB
The contoured design of the SURE GRIP II knob comfortably fits the hand or fingers for effortless control and easy violin sweling effects. The rubberized rubber insert has been enlarged for a reliable grip on the top or sides of this knob.

CONTROLS RINGS

RS405
The RS405 is the modern day reincarnation of the classic solid body electric. Where other manufacturers have been satisfied to have well enough designs, the RS405 has continued to refine and develop the traditional concept. The RS405's classically styled Alder body is equipped with three Super 5 pickups that provide bright, nasty sound for rock, and full, warm sound for rhythm playing. Single Sure Grip II volume and tone controls. Smooth Turner II machine heads. The three-piece maple/rosewood fingerboard means the RS405 is ready for rough strumming. The RS405 is available in your choice of three hot finishes: Metallic Black, Fire Red, and Polar White.
RS315

Probably the single most distinctive guitar of the Roadstar Deluxe models is the RS315. Its unique sound and appearance will appeal to the player who wants to be different. The RS315’s flat top body is crafted of richly grained Flame Maple and Reesawed and is available in a choice of two stunning finishes, including the stunning new Marine Blue.

A single V2 pickup located in the bridge position of the RS315 puts out an extra fat, high output sound perfect for lush Rock and Roll. Additional features include Hard Rock Maple neck, Smooth Tune III machine heads, Dead End strap pins and Sure Grip II control knobs.

V2 PICKUP

The RS315 is plenty hot and high output AIMELZ V2 PICK-UPS are the reason why. Just plug the RS315 into your AMP and hold on — the sound pours out fat and heavy.

ONE-PIECE NECK

Roadstar necks are made of a single piece of select rock maple. The solid brass nut is inserted from the back of the neck and the dot is filled with a strip of contrasting wood. The entire neck has a clear satin finish for a comfortable "played-in" feel from your first note.

STRING GUIDE

The unique STRING GUIDE is shaped like a round post or spool. This design minimizes friction against the string and prevents that "plank" feel during tuning. The Flamed STRING GUIDE ensures smooth, effortless tuning.

**Specifications**

<table>
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<tr>
<th>Model</th>
<th>String Guide Shape</th>
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<tbody>
<tr>
<td>RS315</td>
<td>Round Post or Spool</td>
</tr>
</tbody>
</table>

- **Body Material**: Flame Maple
- **Fingerboard**: Hard Rock Maple
- **Machine Heads**: Smooth Tune III
- **Pickups**: V2
- **Bridge**: Kent Armstrong
- **Controls**: Volumes, Tone, Master Volume, 3 Band EQ
- **Finish**: Marine Blue
- **Strap Pins**: Dead End
- **Control Knobs**: Sure Grip II
RS STANDARD

RS205, RS125, and RS100

Just because a guitar carries a moderate price tag doesn't mean it should be mediocre in quality. All of the RS models are intended as entry-level instruments that are suitable for beginners and those on a budget.

PICKUPS

The RS205 features a single pickup located under the bridge. This provides a clear and focused tone with a solid fundamental sound. The RS125 and RS100 are equipped with a variety of pickup configurations, offering a range of tonal options to suit different playing styles.

SMOOTH TUNER II MACHINE HEADS

These high-quality machine heads are made from precision-machined cast brass, ensuring precise and consistent tuning performance. They are designed to withstand the rigors of frequent use and provide a long-lasting, reliable tuning system.

PHASE SWITCH

The RS205, RS125, and RS100 incorporate a phase switch, allowing for a range of tonal variations by inverting the signal of the pickup(s).

CONTROLS

- Volume Control
- Tone Control
- pickup switch
- tremolo arm

The RS100 also includes a built-in tremolo system, providing added dynamic range and expression.

In summary, the RS STANDARD series offers a range of options for players seeking quality instruments at an affordable price.
In its decade of existence, the Ibanez Artist has received critical accolades of thousands of professional and semi-professional players worldwide. The design team, headed by Hisashi Iwaga, has developed a model of high performance, innovation, and aesthetic beauty.

The 1983 Artist collection continues in the same tradition of integrity and excellence. It includes a range of models designed to meet the needs of both the professional and the enthusiast. Each model is crafted with precision and care, ensuring that every instrument is a unique masterpiece.

A well designed instrument should have a vibration mode distribution throughout the frequency range. This makes the instrument responsive across the entire spectrum. The modes should be long as possible for a balanced sound. Finally, the modes should not interfere with each other, creating areas of rich response or clear sound. The model should complement each other allowing the full range of power of the instrument to ring true.

The following picture illustrates the basic vibration modes of an Ibanez Artist. After excitation, the body goes through a vibration mode in the following sequence: the mode is excited, and only that vibration decays. The vibration modes are identified in the manner and information regarding their resonant frequencies, relative amplitudes, decay characteristics and interaction are obtained. The images below have been taken in the "Structural Dynamics Design" laboratory.

The Artist line of Ibanez guitars is designed to provide the ultimate in performance and sound quality. Each model is crafted with precision and care, ensuring that every instrument is a unique masterpiece. The 1983 Artist collection continues in the same tradition of integrity and excellence, offering a range of models designed to meet the needs of both the professional and the enthusiast. Each model is crafted with precision and care, ensuring that every instrument is a unique masterpiece.
ARTIST CUSTOM MODELS

Artist custom models represent the pinnacle of technology as attained through years of combined research. Each of these models are skillfully crafted by hand, one at a time, using only the finest grade of wood available. Every step of their production is painstakingly checked for flaws in craftsmanship ensuring only the finest and product. The AR150, AR150GB and AR150G incarcerated the use of Super 50 and the recently developed Super 50 "Turbo" pickups for a smooth, lard, warmer sound. Other "state of the art" features include the Gibraltar II bridge and quick change telecaster. Light Tuner machine heads, plus Sure Grip tail pieces.

THE GIBRALTAR II BRIDGE

Fender Artist models are known for the incredible amount of sustain and warmth they possess. One of the main reasons behind their ability to produce such rich and powerful sound is attributed to the use of the Gibraltar bridge. The new Gibraltar II bridge incorporates several design changes making it easier and more effective to use than ever. Overall bridge height adjustments are made through the use of two thumb wheels located one an either end and then held in position by corresponding locking bolts. Intonation adjustments are made similarly by adjusting and securely locking the saddle into position through the use of two separate screws. The ability to lock-up all strings, or the Gibraltar II bridge ensures you of correct, consistent height and intonation settings.

ADJUSTMENT INSTRUCTION

1. Loosen screw 1 to center each saddle (1 pc each at both ends of the bridge).
2. Adjust string 2 in your desired bridge height.
3. Tighten screw 2 to lock position... check 1 pc at ends of the bridge.
4. Loosen screw 2 to center each saddle.
5. Set intonation by turning the screw 1. Turn the screw center each saddle if the harmonics and 12th fret are lower than the fundamental note.
6. Tighten string 2 in loose position... check 1 pc after the intonation adjustment is completed.

AR150

<table>
<thead>
<tr>
<th>Model</th>
<th>Body</th>
<th>Neck</th>
<th>Fretboard</th>
<th>Bridge</th>
<th>String</th>
<th>Tuners</th>
<th>Controls</th>
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<tbody>
<tr>
<td>AR150</td>
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<td>Mahogany</td>
<td>Maple/Mahogany</td>
<td>Gibraltar II</td>
<td>Chrome</td>
<td>Gotoh</td>
<td>2 Volume</td>
<td>7-Way Toggle</td>
<td>Honey Sunburst</td>
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AR150GB

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</thead>
<tbody>
<tr>
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<td>Mahogany</td>
<td>Mahogany</td>
<td>Maple/Mahogany</td>
<td>Gibraltar II</td>
<td>Chrome</td>
<td>Gotoh</td>
<td>2 Volume</td>
<td>7-Way Toggle</td>
<td>Black Wax</td>
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</table>
AR DELUXE

AR100, AND AR150

The famous AR100 and AR150 Artist Series guitars were designed for performance and comfort, and so they do.

The optional Super 65 pickups may be switched for single-coil or humbucking operations with special design push-on/push-off switches concealed in the new controls.

SUPER 65 PICKUP

A vintage style, the AR100 is responsible for the smooth and warm output of Super 65 pickups. These are among the most distinctive and pleasing sounding pickups ever made.

SHIELDING BOX

Each unique Artist Series guitar incorporates a chrome-plated metal shielding box that houses the controls within the guitar body. The shielding box greatly reduces induced hum and noise and improves proper grounding of all electrical components.

THIN SOUND SELECTOR SWITCH

The Super 65 pickup is equipped with the famous THIN-SOUND selector switch. Select either humbucking, single or parallel coil operation at the flip of the switch. Along with the three-position pickup selector, 15 distinct sounds are available.

Duo-Sound System

AR100 and AR150 feature new input jacks, allowing a new routing of the circuit with new switches placed at the controls on the AR100 and AR150. The new switches allow for push-on/push-off selection letting you change the pickup configuration from humbucking to single coil at a touch of the switch.
The AR DELUXE is a model in the Ibanez AR series. It features a double-neck guitar with a neck through body design, providing a unique playing experience.

**Specifications:**
- **AR DELUXE**
  - Body: Mahogany
  - Neck: Maple 3-ply
  - Fingerboard: Maple 3-ply
  - Machine Heads: Smooth Tuner
  - Bridges: Tone
  - Control Knobs: Tone, Volume
  - Finish: Antiq. Violin

**AR2000**
- **Top:** Ebony
- **Front:** Super 3D R100
- **Machine Heads:** Smooth Tuner
- **Tone:** Tone
- **Control Knob:** Volume
- **Finish:** Antiq. Violin

**AR1200**
- **Top:** Maple
- **Front:** Super 3D
- **Machine Heads:** Smooth Tuner
- **Tone:** 2 knobs
- **Control Knob:** Volume & Tone for each side
- **Finish:** Antiq. Violin

**AR1000**
- **Top:** Maple
- **Front:** Super 3D
- **Machine Heads:** Smooth Tuner
- **Tone:** 2 knobs
- **Control Knob:** Volume & Tone for each side
- **Finish:** Antiq. Violin

**IBANEZ FRIENDS**
- Bobby Cahoon
- Bob Weir
- Don Douglas
- Don McLean
- Dave Murray
- David Briggs
- Gary Moore
- Garry Reedy
- Gary Richrath
- Jan Cogin
- Mickey Moody
- Mike Rutherford
- Woody Wyczol

**AR DELUXE** provides extremely well-out performance, ensuring a smooth and imaginative sound creation. The Ibanez exclusive 3D-SOUND system and 12 string combination makes it suitable for various musical styles.