



BY JACKSON/CHARVEL

THE CHARVEL CATALOG
VOL. 2





THE CHARVEL CATALOG · VOL. 2

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MODEL 1

General Specifications

Bridge System:	Traditional 3-Spring Fulcrum Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Maple
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Red, Vintage Ivory
Control Functions:	One Volume

Pickup Specifications

Model Number:	J90C (One)
Description:	Ultra high output distortion class, accentuated low frequency pickup with ceramic magnets for "clearer" distortion.
Sr (In K Hz):	4.88
Z (@ Sr in MOhms):	5.6
Inductance (In Henries):	9.8
Q (@ Sr):	18.8
Output Level (@ Sr):	+ 51 1dB
Magnetic Structure:	Ceramic
Resistance (In KOhms):	15.93

MODEL 1A

General Specifications

Bridge System:	Traditional 3-spring Fulcrum Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Maple
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Red, Vintage Ivory
Control Functions:	One Volume, One Tone: Type One 5-Way Switch

Pickup Specifications

Model Number:	J100 (Three)
Description:	Magnetically-Corrected, Vintage Type Single Coil
Sr (In K Hz):	6.10
Z (@ Sr in MOhms):	1.7
Inductance (In Henries):	2.6
Q (@ Sr):	16.7
Output Level (@ Sr):	+ 48.9dB
Magnetic Structure:	Alnico V
Resistance (In KOhms):	6.10

MODEL 1

BLACK



MODEL 1A

RED





ROCKMANNANA
MAGNIFICENT

MODEL 2

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Pearl White, Red, Electric Blue
Control Functions:	One Volume

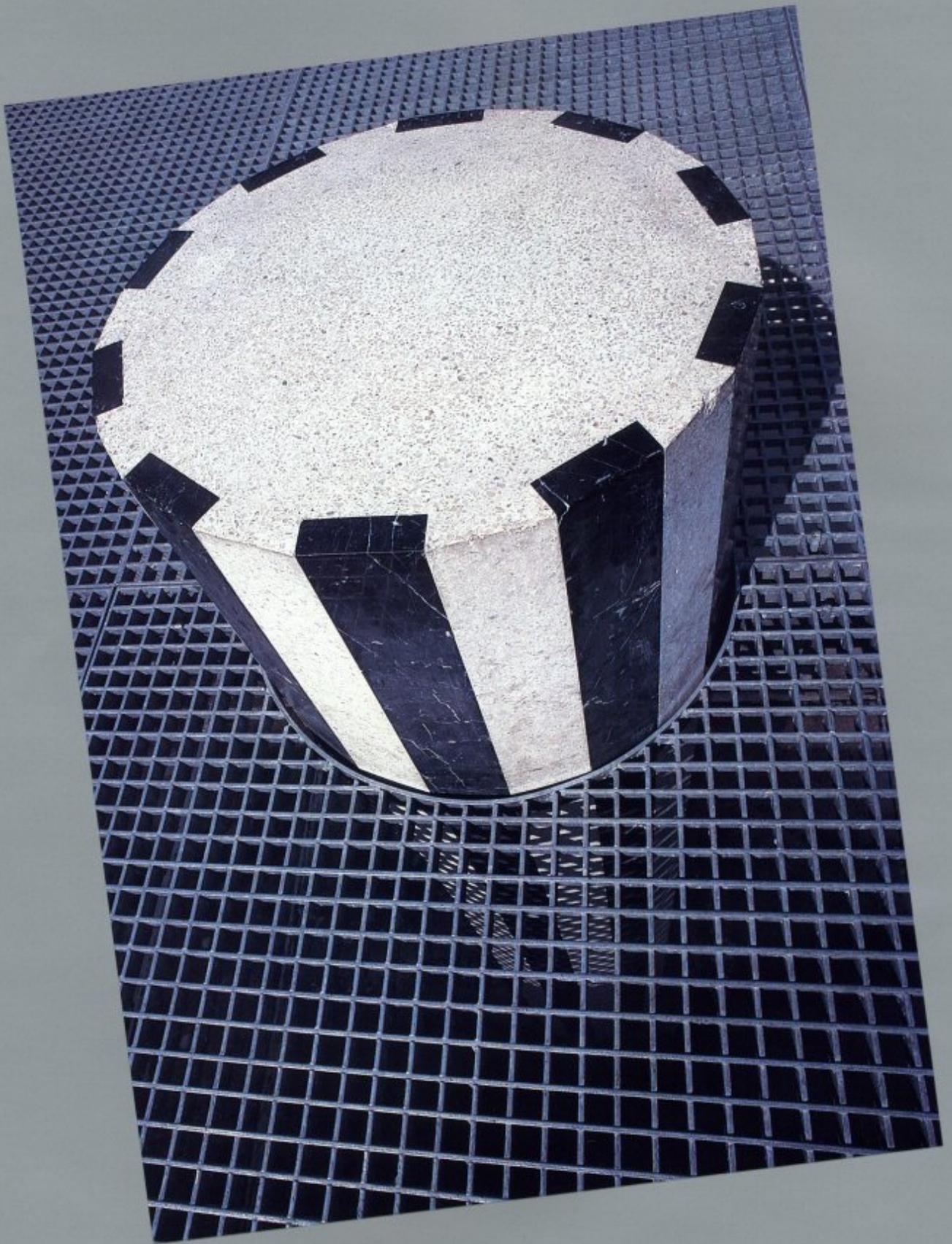
Pickup Specifications

Model Number:	J90C (One)
Description:	Ultra high output, distortion class, accentuated low frequency pickup with ceramic magnets for "clearer" distortion.
Sr (In K Hz):	4.88
Z (@ Sr in MOhms):	5.6
Inductance (In Henries):	9.8
Q (@ Sr):	18.8
Output Level (@ Sr):	+ 51.1dB
Magnetic Structure:	Ceramic
Resistance (In KOhms):	15.93

MODEL 2

ELECTRIC BLUE





MODEL 3

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Pearl White, Red Electric Blue
Control Functions:	One Volume, One Tone, Type One 5-Way Switch

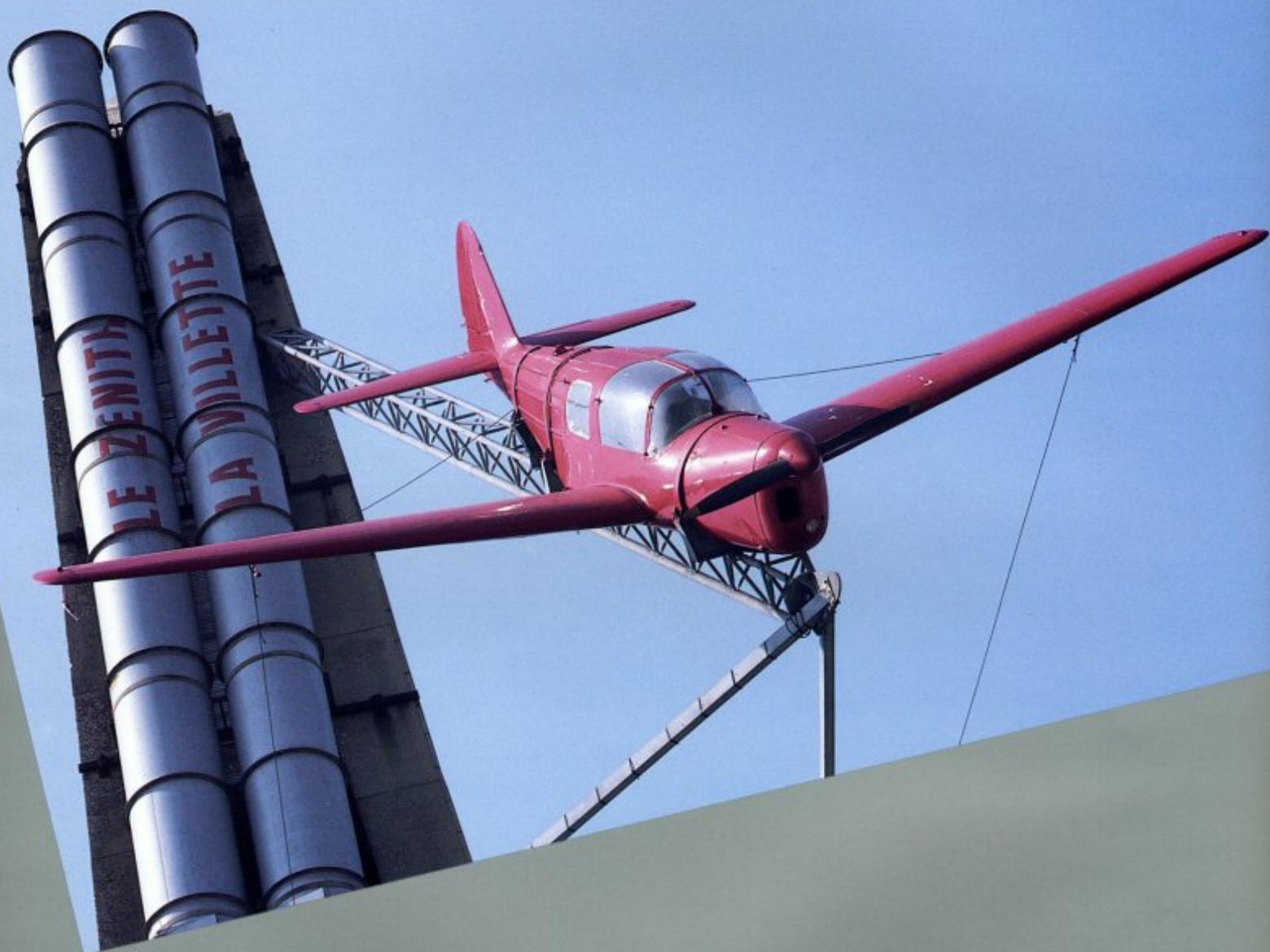
Pickup Specifications

Model Number:	J100S (Two)	J90C (One)
Description:	Magnetically-Corrected, Vintage-Type Single Coil	Ultra high output, distortion class, accentuated low frequency pick-up with ceramic magnets for "clearer" distortion.
Sr (In K Hz):	6.10	4.88
Z (@ Sr in MOhms):	1.7	5.6
Inductance (In Henries):	2.6	9.8
Q (@ Sr):	16.7	18.8
Output Level (@ Sr):	+48.9dB	+51 1dB
Magnetic Structure:	Alnico V	Ceramic
Resistance (In KOhms):	6.10	15.93

MODEL 3

BLACK





MODEL 3A

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Pearl White, Red, Electric Blue
Control Functions:	One Volume, One Tone, JE-0005 5-Way Switch

Pickup Specifications

Model Number:	J80C (Two)
Description:	High Output, Distortion class, humbucking with Ceramic Magnets for accentuated upper harmonics.
Sr (In K Hz):	5.40
Z (@ Sr in MOhms):	4.7
Inductance (In Henries):	7.3
Q (@ Sr):	19.1
Output Level (@ Sr):	+51.4dB
Magnetic Structure:	Ceramic
Resistance (In KOhms):	13.00

MODEL 3A

ELECTRIC BLUE



MODEL 4

BLACK CHERRY





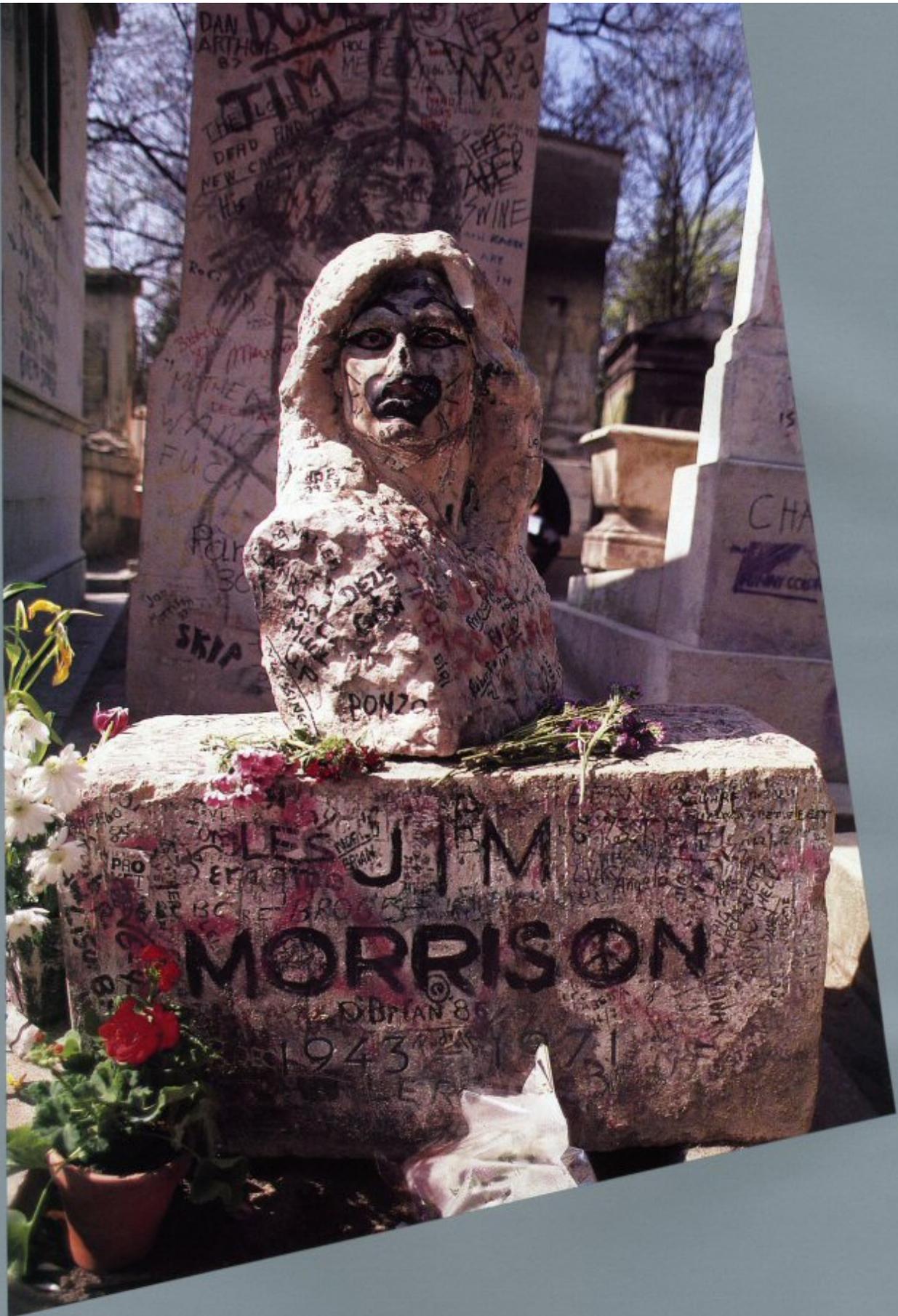
MODEL 4

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Basswood
Neck/Fingerboard Composition:	Rock Maple Bolt-On/Quarter-Sawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Cobalt Blue, Red, Pearl White, Black Cherry
Control Functions:	One Volume, One Tone, Jackson Low Impedance JE-1200 Electronics with Mid-Boost, Three 2-Way Mini-toggles

Pickup Specifications

Model Number:	J200 (Two)	J50BC (One)
Description:	Dual Coil, Bi-level Humbucking. Designed for use with active circuitry.	Accentuated High frequency bridge position humbucking. Designed for use with active circuitry.
Sr (In K Hz):	9.90	6.58
Z (@ Sr in MOhms):	1.8	5.9
Inductance (In Henries):	2.4	5.3
Q (@ Sr):	12.6	26.4
Output Level (@ Sr):	+44.1dB	+56.4dB
Magnetic Structure:	Alnico V	Ceramic
Resistance (In KOhms):	11.65	8.58



MODEL 5

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Poplar
Neck/Fingerboard Composition:	Rock Maple through Body/ Quartersawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Cobalt Blue, Red, Black Cherry, Pearl White, Black
Control Functions:	One Volume, One Tone, One Gain, JE-0005 5-Way Switch
Electronics:	JE 1000TG Low Impedance Electronics

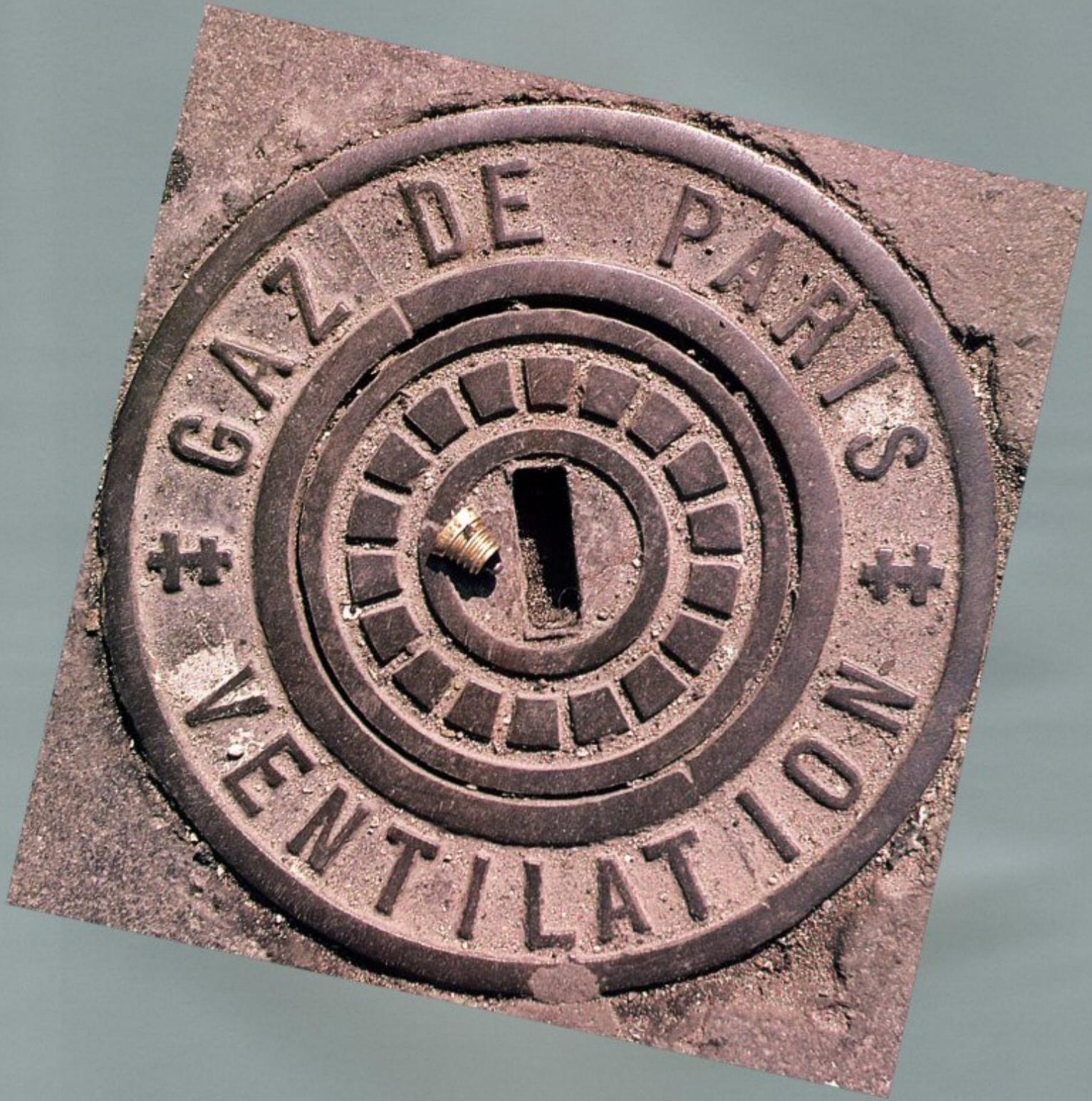
Pickup Specifications

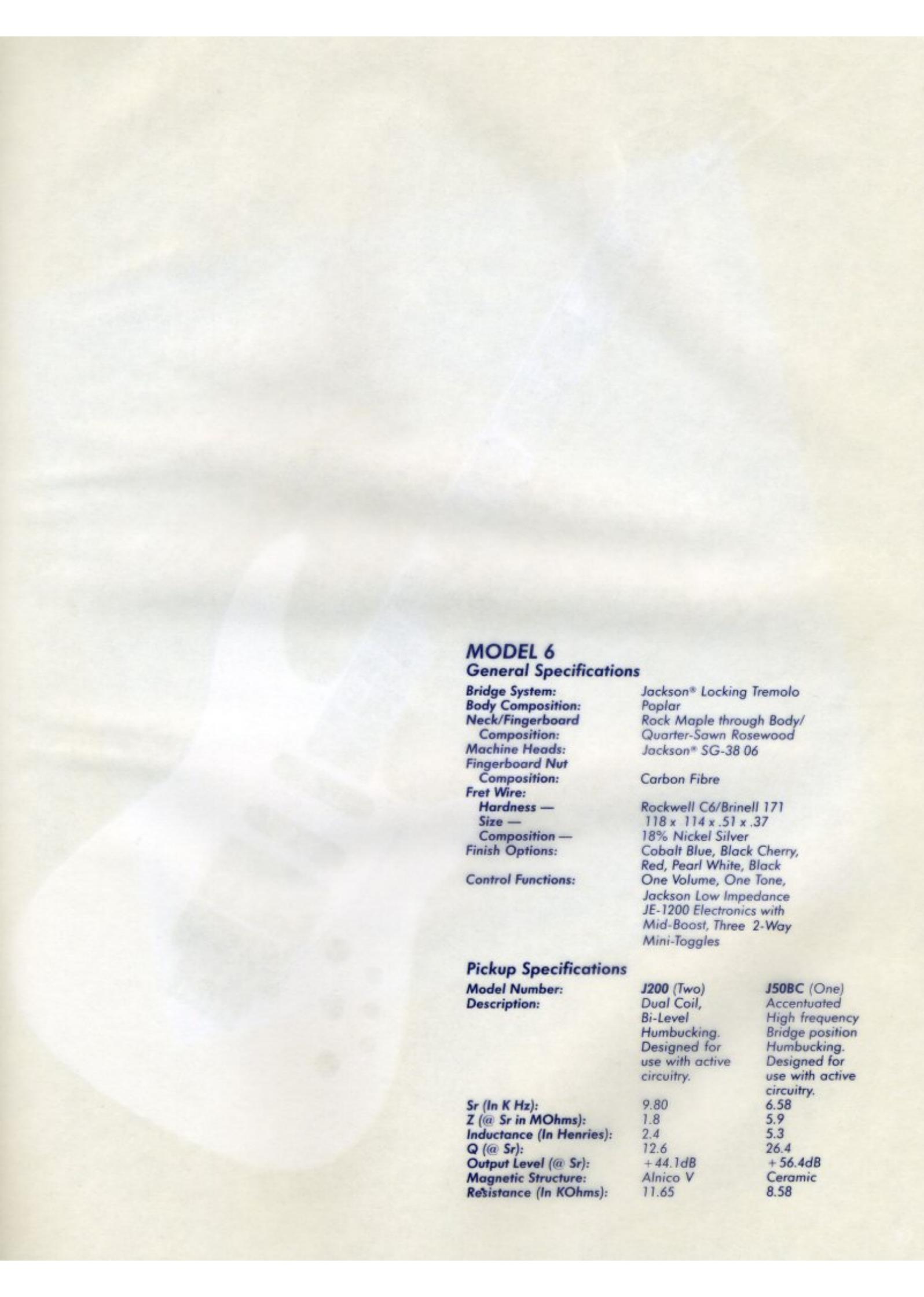
Model Number:	J80C (Two)
Description:	High Output, Distortion Class, Humbucking with Ceramic Magnets for accentuated upper harmonics.
Sr (In K Hz):	5.40
Z (@ Sr in MOhms):	4.7
Inductance (In Henries):	7.3
Q (@ Sr):	19.1
Output Level (@ Sr):	+51.4dB
Magnetic Structure:	Ceramic
Resistance (In KOhms):	13.00

MODEL 5

COBALT BLUE







MODEL 6

General Specifications

Bridge System:	Jackson® Locking Tremolo
Body Composition:	Poplar
Neck/Fingerboard Composition:	Rock Maple through Body/ Quarter-Sawn Rosewood
Machine Heads:	Jackson® SG-38 06
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Cobalt Blue, Black Cherry, Red, Pearl White, Black
Control Functions:	One Volume, One Tone, Jackson Low Impedance JE-1200 Electronics with Mid-Boost, Three 2-Way Mini-Toggles

Pickup Specifications

Model Number:	J200 (Two)	J50BC (One)
Description:	Dual Coil, Bi-Level Humbucking. Designed for use with active circuitry.	Accentuated High frequency Bridge position Humbucking. Designed for use with active circuitry.
Sr (In K Hz):	9.80	6.58
Z (@ Sr in MOhms):	1.8	5.9
Inductance (In Henries):	2.4	5.3
Q (@ Sr):	12.6	26.4
Output Level (@ Sr):	+44.1dB	+56.4dB
Magnetic Structure:	Alnico V	Ceramic
Resistance (In KOhms):	11.65	8.58

MODEL 6
PEARL WHITE





MODEL 1B

General Specifications

Bridge System:	Jackson® CBT-02
Body Composition:	Poplar
Neck/Fingerboard	Rock Maple Bolt-On/Quarter-Sawn
Composition:	Maple
Machine Heads:	Jackson GB7B
Fingerboard Nut	
Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Black, Red, Vintage Ivory
Control Functions:	One Volume, One Tone,

Pickup Specifications

Model Number:	J20 (One)
Description:	Vintage Type, Split Coil Magnetically-Corrected Bass Pickup for Mid Scale Positioning.
Sr (In K Hz):	9.45
Z (@ Sr in MOhms):	13.7
Inductance (In Henries):	6.7
Q (@ Sr):	34.6
Output Level (@ Sr):	+61.6dB
Magnetic Structure:	Alnico V
Resistance (In KOhms):	11.50

MODEL 2B

General Specifications

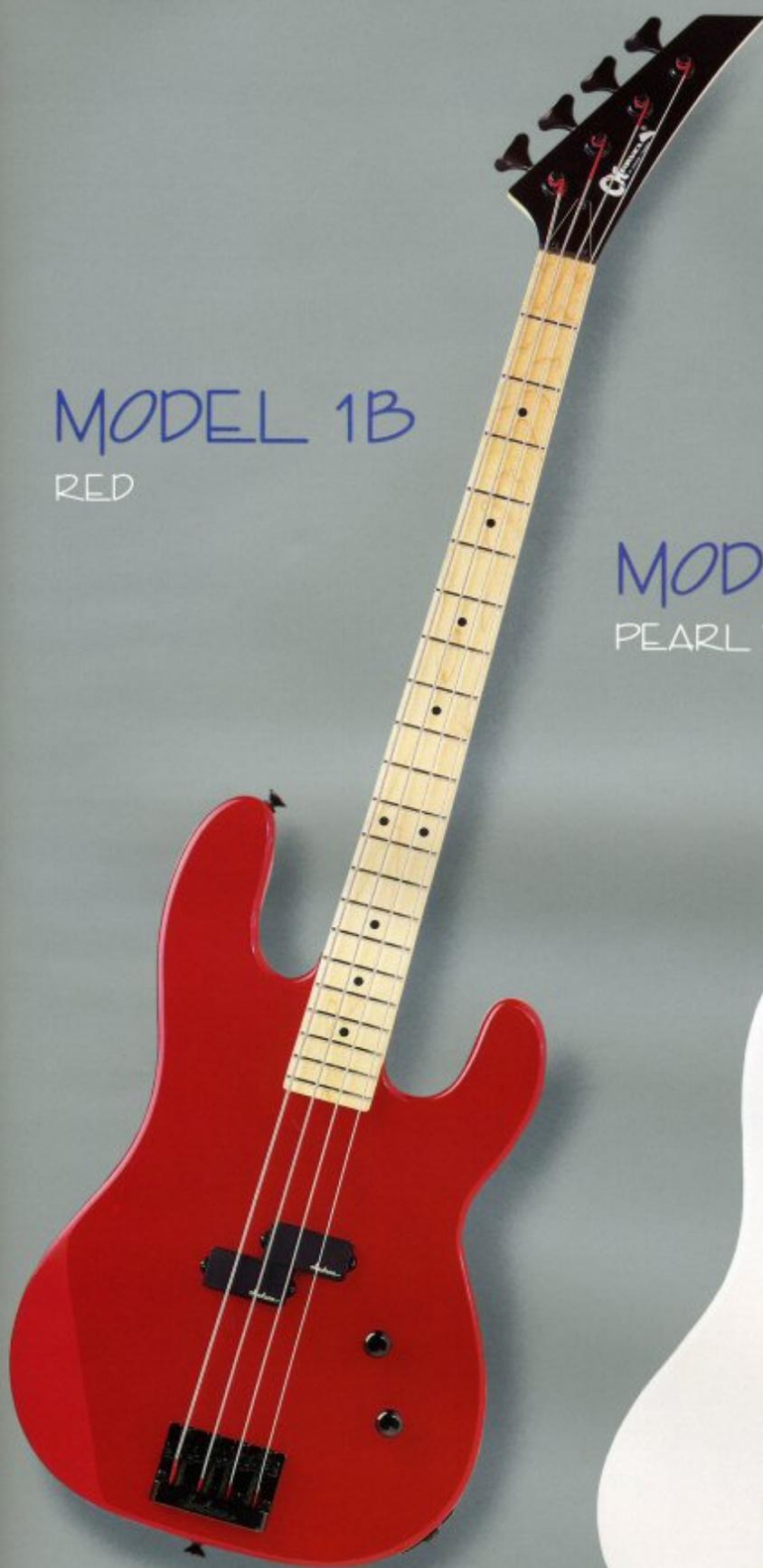
Bridge System:	Jackson® CBT-02
Body Composition:	Poplar
Neck/Fingerboard	Rock Maple Bolt-On/Quarter-Sawn
Composition:	Rosewood
Machine Heads:	Jackson GB7B
Fingerboard Nut	
Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Pearl White, Black, Red, Electric Blue
Control Functions:	Master Volume, Pickup Balance Control with Center Detent, One Tone

Pickup Specifications

Model Number:	J20 (One)	J150 (One)
Description:	Vintage Type, Split Coil, Magnetically-Corrected Bass Pickup for Mid Scale Positioning.	Magnetically-Corrected, Vintage Type, Copper Shielded, Single Coil Bass Pickup ideal for Bridge position.
Sr (In K Hz):	9.45	5.61
Z (@ Sr in MOhms):	13.7	1.6
Inductance (In Henries):	6.7	3.2
Q (@ Sr):	34.6	14.1
Output Level (@ Sr):	+61.6dB	+46.0dB
Magnetic Structure:	Alnico V	Alnico V
Resistance (In KOhms):	11.50	8.00

MODEL 1B

RED



MODEL 2B

PEARL WHITE





MODEL 3B

General Specifications

Bridge System:	Jackson® CBT-02
Body Composition:	Poplar
Neck/Fingerboard Composition:	Rock Maple through Body/Quarter-Sawn Rosewood
Machine Heads:	Jackson GB7B
Fingerboard Nut Composition:	Carbon Fibre
Fret Wire:	
Hardness —	Rockwell C6/Brinell 171
Size —	118 x 114 x .51 x .37
Composition —	18% Nickel Silver
Finish Options:	Pearl White, Black Cherry, Cobalt Blue, Red, Black
Control Functions:	One Volume, Jackson Low Impedance JE-2000 Electronics with Bass and Treble Cut and Boost Knobs, 3-Way Toggle

Pickup Specifications

Model Number:	J20 (One)	J150 (One)
Description:	Vintage Type, Split Coil, Magnetically-Corrected Bass Pickup for Mid-Scale Positioning.	Magnetically-Corrected, Vintage-Type, Copper Shielded, Single Coil Bass Pickup ideal for Bridge positioning.
Sr (In K Hz):	9.45	5.61
Z (@ Sr in MOhms):	13.7	1.6
Inductance (In Henries):	6.7	3.2
Q (@ Sr):	34.6	14.1
Output Level (@ Sr):	+61.6dB	+46.0dB
Magnetic Structure:	Alnico V	Alnico V
Resistance (In KOhms):	11.50	8.00

MODEL 3B

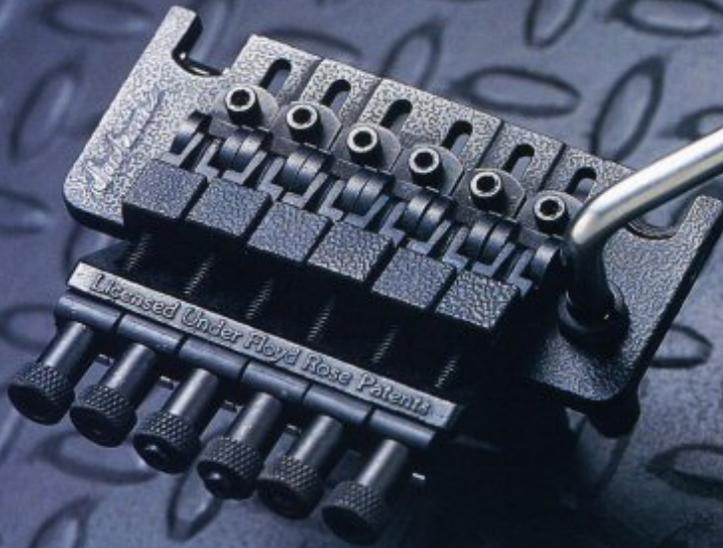
COBALT BLUE



THE JACKSON® TREMOLO

The Jackson® Tremolo, licensed under Floyd Rose Patents, marks the most noticeable change on the Charvel guitar. Appearing on Models 2-6, this unit brings several improvements to the locking system.

The microtoners are placed horizontally to allow easy access only when you need them, staying well out of the way while playing. The tremolo arm is instantly removable, with replaceable bushings on the yoke providing precise and reliable drag. The saddle blocks are joined closely together to form an excellent, comfortable playing surface designed not to distract the hand at any time during a performance. Maximum string life is assured by the subtle curvature of the slots in the saddle pieces. The secure grip of the string locking nut can be tightened or loosened by an ordinary penny. And finally, precise machining of the knife edges ensures tracking accuracy, sustain, and long term reliability.



THE CHARVEL SAFECASE™

The new high-tech styled Charvel guitar and bass case is molded out of high impact polymer material which is extremely lightweight and durable. The textured silver exterior is a 12% rubber base compound which resists wear and tear. The sturdy Mil.-spec. hardware secures the case tightly. The interior of the case is plush lined and form fitted, encapsulating the instrument to prevent any movement during transportation, and the strategic placement of the handle ensures proper balance.

The creation of this case is another statement by Charvel/Jackson that we are truly committed to "Excellence By Design."



SPECIFICATIONS OF ELECTRONICS

JACKSON® JE-1200 GUITAR PRE-AMP WITH MID-BOOST

The function of this Pre-Amp is to convert On-Board High Impedance Pickups to a low impedance system. The Pre-Amp also offers the flexibility of mid-range frequency boost (centered at 650 Hz) by + 6dB.

JE-1000TG PEAK SELECT LOW IMPEDANCE ELECTRONICS . .
Gives you the essential "buffering" required by modern guitarists to protect the sound of the instrument from the tone coloring properties of different length cords and various effect boxes. Meanwhile, the JE 1000's R.F. Suppression Circuit virtually eliminates unwanted radio signal interference. Three micro switches are built into the circuitry to allow the shifting of the resonant frequency of the pickups to any of eight different settings.

JACKSON® JE-2000 BASS PRE-AMP WITH ACTIVE EQ

In addition to converting high impedance pickups to a low impedance system, this Pre-Amp also allows the user to boost or cut frequencies in the treble and bass range by ± 12 dB. The center frequency of the bass is 40 Hz while the center frequency of the treble is 2,500 Hz. The benefits of a low impedance system is less noise and the ability to use long instrument cables with no high-end frequency loss. This system uses the latest in integrated circuit technology requiring only 380 Micro-amps of power from a 9-volt battery, thus providing longer battery life vs. conventional guitar pre-amp systems.

MODEL 4 AND 6 CIRCUITRY



MODEL 5 CIRCUITRY



MODEL 3B CIRCUITRY



Volume Control Knob (Knob nearest to bridge pickup): For all pickup configurations.

Tone Control Knob (middle position): Passive roll-off for all pickup configurations.

Mid-Boost Knob: 6dB Boost at 650 Hz for all pickup configurations.

Mini-Toggle Switches:

3 Mini Toggle Switches are provided, each acting as a separate on/off switch for corresponding pickup.

Volume Control Knob: Same as Model 4 and 6.

Tone Control Knob: Same as Model 4 and 6.

Gain Boost Knob: Allows variable gain control from a ratio of 1:1 to a maximum signal strength of 1:4.

JE-0005 5-Way Switch: Pick up and pickup coil selector switch.

Position #1: (position closest to fingerboard): Front H.B. pickup only.

Position #2: Two inside coils.

Position #3 Front and back H.B. pickup.

Position #4: Two outside coils.

Position #5: Bridge H.B. pickup only.

Volume Control Knob (Knob closest to fingerboard): Volume Control for all pickup configurations.

Treble Control Knob: ± 12 dB cut and boost at 2500Hz with center detent.

Bass Control Knob: ± 12 dB at 40 Hz with center detent.

Toggle Switch: Pickup Selector; Split Coil pickup (Nearest F/B), Both Pickups (Center), Bridge Pickup (Nearest Bridge).

SHIELDING

Shielding the inside of the guitar for quiet operation is a vital process on all our instruments. Charvel guitars and basses all feature electronic cavities coated with shielding paint. A metal lug is then installed into the cavity and attached to grounds from the pickups.

TRUSS RODS

Our exclusive "Dual action" Truss Rod truly functions to accurately adjust the neck and keep it straight. Due to the selection of proper materials, high strength welds, and correct threading, the Charvel system is the best Truss Rod available today!

PICKUP SPECIFICATIONS

All Charvel Guitars and Basses are equipped with American made Jackson® Pickups which are constructed with the highest quality materials available. As mechanical specifications are also of the utmost importance, we hold the tightest tolerances possible. These

mechanical specifications apply to both the manufacturing of the components and the assembly process. Each pickup goes through seven individual electronic tests during the assembly process.

Model Number	Description	Sr (In K Hz)	Z (@ Sr in MOhms)	Inductance (In Henries)	Q (@ Sr)	Output Level (@ Sr)	Magnetic Structure	Resistance (In KOhms)
J20	Vintage type, single coil, magnetically-corrected bass pickup for mid-scale positioning	9.45	13.7	6.7	34.6	+61.6dB	Alnico V	11.50
J40	Bridge position Bass humbucking. Accentuated mid-range frequencies	5.32	4.5	7.9	17.0	+49.2dB	Ceramic	15.5
J50BC	Accentuated high frequency bridge position humbucking designed for use with active circuitry	6.58	5.9	5.3	26.4	+56.4dB	Ceramic	8.58
J200	Dual coil, bi-level humbucking. Designed for use with active circuitry	9.90	1.8	2.4	12.6	+44.1dB	Alnico V	11.65
J90	Ultra high output, distortion class, accentuated low frequency, bridge position humbucking, ideally suited for heavier bodies	4.70	6.1	10.5	19.6	+51.7dB	Alnico V	15.93
J90C	Similar to J90 but uses ceramic magnets for "clearer" distortion	4.88	5.6	9.8	18.8	+51.1dB	Ceramic	15.93
J100/ J100S	Magnetically corrected, Vintage-type, single coil	6.10	1.7	2.6	16.7	+48.9dB	Alnico V	6.10
J150	Magnetically-corrected, Vintage-type, copper shielded, single coil Bass pickup ideal for bridge positioning	5.61	1.6	3.2	14.1	+46.0dB	Alnico V	8.00
J80C	High output, distortion class, bridge position humbucking with ceramic magnets for accentuated upper harmonics	5.40	4.7	7.3	19.1	+51.2dB	Ceramic	13.00

GLOSSARY OF PICKUP TERMINOLOGY

Sr	SELF-RESONANT FREQUENCY. Specifies frequency at which the pickup is most sensitive and at which frequency the pickup delivers its highest output level when loaded with ten picofarads of capacitance, in parallel with one hundred Mega ohms. (Mega = Million, Kilo = Thousand)	MAGNET STRUCTURE	Composition of the magnetic materials. The Alnico name, for example, is derived from AL uminum, N ickle, and CO balt, which are the three major elements in its composition. The sonic difference between Ceramic and the Alnico magnets is that Alnico, because of its higher metallic content, produces more energy in the lower frequency region which translates into a "warmer" sound.	Q	QUALITY FACTOR/ BANDWIDTH. Slope of the output decay above and below the frequency of Sr. As the Q number increases, the rate of decay of the slope increases also, which yields a more narrow bandwidth. The lower the Q factor, the lower the output level but the wider the bandwidth of the pickup.
Z	IMPEDANCE. Is the total opposition, both resistive (D.C.) and reactive (A.C.) to the flow of current.				
OUTPUT LEVEL	Voltage or output measurement using the ratio of output voltage of the pickup at 0Hz to the output voltage of the pickup at any given frequency, in this case, Sr.				

Specifications subject to change without notice

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\$ 5.00