

**LIMITED
EDITION FOR
EVERYTHING
ABOUT
"CHARVEL"**



CHAMP

▶ ALCATRAZZ

DANNY JOHNSON

GARY SHEA

▶ AIDO MOVA

AIDO MOVA

KOEN CARLSON

▶ ARMORED SAINT DAVE PERCHARD

▶ AUTOGRAPH STEVE LYNNCH, BARRY SAND, STEVE BLINKETT ▶ BILLY BOCK STEVE STEVENS

▶ BOSTON GARY PHIL, BRAD GILF, BUSBOYS VICTOR JOHNSON

▶ CHICK CORLA SCOTT HENDERSON ▶ DER LEOPARD PHIL COLIEN

▶ GARY MOORE GARY MOORE ▶ HEART MARK ANDER ▶ IRON MAIDEN ADRIAN SMITH

▶ JEFF BECK ▶ JAKE E LEE ▶ JOHN WALT JOHN MCCURRY ▶ KOOL & THE GANG CHARLES SMITH

▶ PLATONAF BOB KLUCK ▶ MR MISTER STEVE FERRIS ▶ MOTELS GUY PERRY

▶ PINK FLOYD DAVID GELMOUE ▶ QUIET RIOT CARLOS CAYAZO

▶ RATT BOBBIN CROSBY, WARREN DE MARTINI, JUAN CROUDER

▶ ROUGHOUTT AMIE DEBADEL, CHES HAGAR, MATT THORE

▶ SHALAMAR MCKEY FREE ▶ STRYPER OZ FOX, MICHAEL SWEET

▶ TED HUGENT DAVE AMATO ▶ TWISTED SISTER EDDIE OJEDA, LJ FRENCH

▶ VINNIE VINCENT ▶ W.A.S.P. CHRIS HOLMES ▶ DWEEZIL ZAPPA DWEEZIL ZAPPA



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Model-1

General Specifications

Neckset	Full Size, 3-String Pattern 1990-01
Body Composition	Flamed
Neck Composition	Full Maple 2 1/2" x 1 1/4" Quarter Sawn Maple
Machine Heads	Die Cast
Bridgehead Material	Full Size 2 1/2" x 1 1/4" x 1 1/2" 31 - 30
Body Finish	2 1/2" x 1 1/4" x 1 1/2" 31 - 30
Body Color	Black, Red, Walnut, Ivory, Oak, Mahogany
Control Features	One Volume

Pickup Specifications

Model Number	8001 "One"
Construction	Open coil wound, distributed core, permanent low impedance pickup with ceramic magnets for "cleaner" sustain.
DC Resistance	6.5K
AC Inductance	1.2
Capacitance	18 pF
Output Level (100K)	100 mV
Impedance (100K)	100K
Inductance (100K)	1.2





Model-1A

General Specifications

Transducer	Two-Wound, Alnico Polepiece Transducer
Body Construction	Resonant
Neck Construction	Maple Neck, Quarter-Sawn Maple
Machine Heads	Number of 9.5:15:15
Construction of Components	Plastic
Foot Wear: Heelcap — Base — Construction	Full Size (6.5" x 1.7") 1.18" x 1.34" x .30" x .30" 30% Natural Gum
Finish Details	Black, Red, Vintage Green
United Features	One Volume, One Tone, Tone Control Switch, Pickup

Picking Specifications

Model Number	1100 (Fixed)
Description	Magnetic Pick Control, Pickup Type Single Coil
W. In. x H. In.	5.10
W. In. x L. In. (Overall)	5.7
Resistance (in Ohms)	2.1
Q. In. In.	10.1
Output Level (dB)	+40 (dB)
Maximum Structure	Class V
Resistance (in Ohms)	5.10



Model-3



General Specifications

Strings	Electric® Nylon Ballpoint Locking Tremolo Sustaina® Rock Maple Flat-Top Quarter-Sawn Rosewood Jackson® 22-21 00
Body Construction Neck: Plywood Body: Solid Machine Heads: Fretboard: Real Construction: Construction: Fret Wire: Hardwire Wire Construction: Finish: Optional	Finish: Sunburst (22, 21, 20, 17) 212 • 212 • 21 • 27 100% Nylon Silver Black Pearl White Red Electric Blue Metallic Gold White Jackson Jackson (Special) Clear Walnut, Oak Wood, Froya Gold 5-Way Finish
General Features	

Pickup Specifications

Model Number	1000 (Black)	1000 (Red)
Design	Highly versatile Construction Vintage Style Single Coil	Ultra High-Freq pat. Sustaina class action patent low frequency paten t by 1981 patent patent for "Low-Freq" Sustaina
DC Res. K Ohm.	1.20	4.20
Capacitance pF	1.7	5.0
Inductance Ohm-cms	2.6	8.7
Q Factor	26.7	100
Output Level (µV)	1.00000	100.000
Frequency Response	Audio Y	Constant
Resistance Ohm-cms	5.20	15.00



Model-3 A

General Specifications

Neck:	Maple™ Fingerboard Laminated Maple Top Rosewood
Body Construction:	Maple
Body Finish:	Black, Pearl White, Red, Espresso, Blue (Available Only With Custom Limited Edition)
Hardware:	One Volume, One Tone, 12-0000 5-Way Switch
Controls:	Passive EQ (available on all but yellow)
Pickup Options:	Front H.S. pickup only Front and Back H.S. pickup only Front and Back H.S. pickup only Front and Back H.S. pickup only
General Features:	Front H.S. pickup only Front and Back H.S. pickup only Front and Back H.S. pickup only Front and Back H.S. pickup only



Pickup Specifications

Model Number:	3000 (Gold)
Description:	High Output, Detachable pole pieces with Ceramic Magnets for increased upper frequencies
DC Resistance:	8.40
AC Resistance (at 100Hz):	4.7
Inductance (at 100Hz):	7.1
Q Factor:	10.0
Output Level (at 100Hz):	4.50 dB
Frequency Response:	Custom
Resistance Coefficient:	17.00



General Specifications

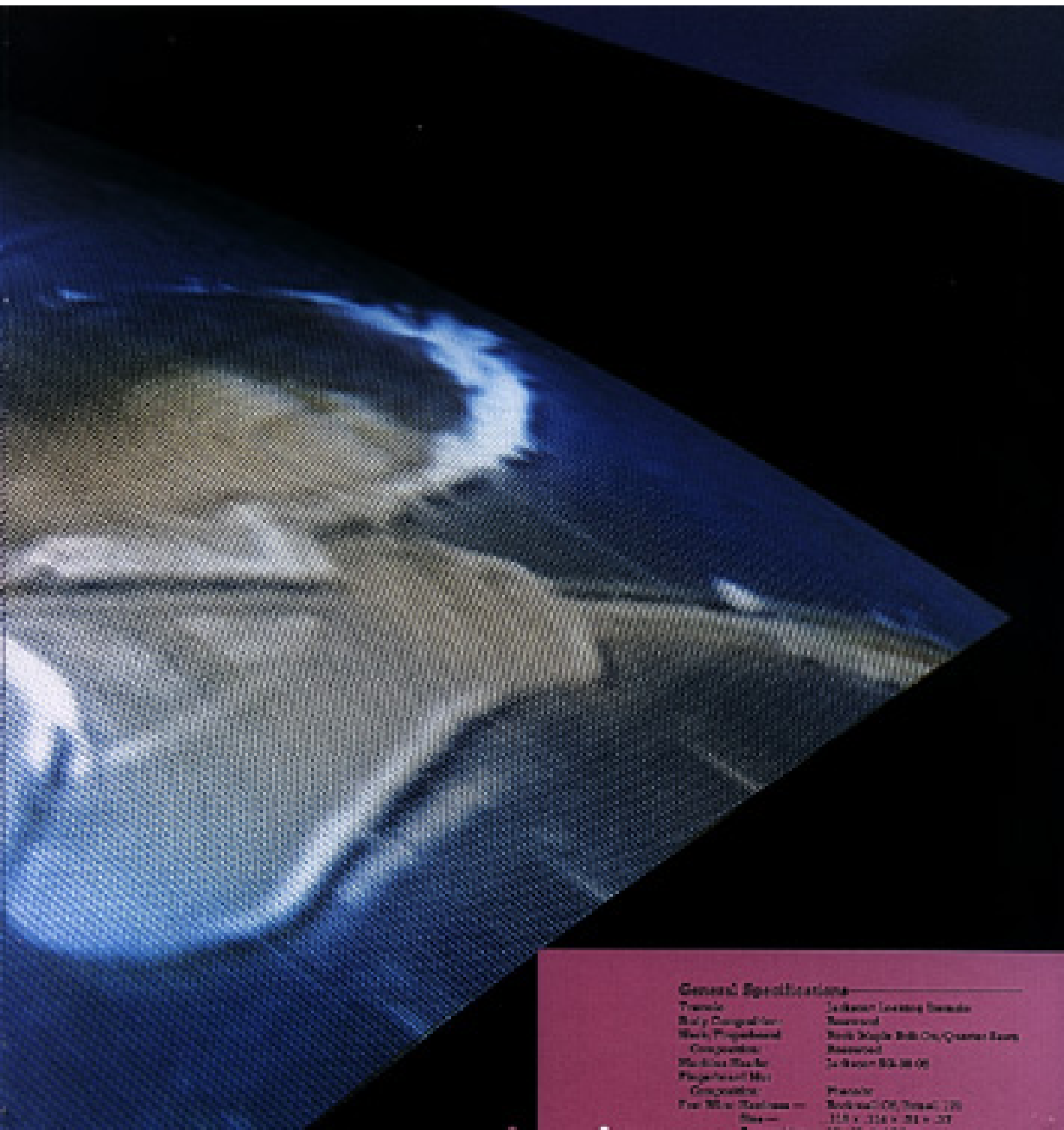
Finish	Black ¹ Standard
Body Construction	Resonant
Back Pickup(s)	Black Single Coil (Coil-Out) Quarter Pound
Construction	Reverend
Machine Heads	Locking 22:1:10 ²
Fingerboard Material	
Construction	French
Fret Wire	Medium 100% Nickel 270
Radius	3/32" x 21.8" x 21" x .07
Construction	Life Voice Silver
Finish System	Black Pearl/White Red Gloss/White Black Gloss
Control Functions	One Volume, One Tone, 2-Block Low Impedance 10-220K Electronic with Mid Sweep, Tone 2-40K Mini toggle

Pickup Specifications

Model Number	18A (Over)	1810C (Over)
Description	Dual Coil, 6- wire Humbucker 60. Designed for use with active modeling.	Annular coil frequency bridge position humbucker Designed for use with active modeling.
DC Res. (k Ohm)	8.00	8.00
EQ (k Ohm Midrange)	1.8	1.8
Inductance (mH)	3.6	3.6
Q (dB)	11.0	11.0
Output Level (dB)	+44.1dB	+39.4dB
Magnetic Structure	Alnico V	Ceramic
Resistance (k Ohm)	11.00	8.00

Model-4





Model-4 A



General Specifications

Transducer	2x Quarter Inch Long Dynamic
Body Construction	Resonant
Neck Construction	Neck Maple With One Quarter Inch Resonant
Neck Material	2x Quarter Inch (10)
Neck Profile	Flared
Fast Wind	Bobbin (20, 25 and 30)
String	.108 x .014 x .014 x .02
Construction	100% Hard Maple
Finish Options	Black, Pearl White, Red, Colored Blue, Black Cherry
Other Features	One Volume, One Tone, 2x Knob, Low Output, 1/4" TRS™ Output with 1/8" Head, Three Battery Monitors

Pickup Specifications

Model Number	2000 (Low)	3000 (Mid)
Description	Black Coil, 7x Steel, 12mm x 1.5mm, Designed for use with custom coils	Black Coil, 7x Steel, 12mm x 1.5mm, Designed for use with a 1/4" output
DC Resistance	5.2k	5.2k
AC Resistance (100Hz)	2.8	2.8
Inductance (100Hz)	2.4	2.4
Q Factor	100	100
Output Level (100Hz)	-18dB	-18dB
Maximum Voltage	1.5V	1.5V
Resistance (100Hz)	1.1k	1.1k





Model-5

General Specifications

Finish	Esquire™ Washed Semi-Gloss Candy Apple Red	Hardware	Position 10 Front and back ILL nutlets. Position 11 Two nutlets with Position 10. Bridge with 24 brass IE 200000 low impedance conductors.
Body Construction	Full Maple Veneer Body		
Neck Construction	Quarter-Sawn Redwood		
Machine Heads	Fullsize Model 10		
Trapezoidal Nut			
Component			
Top Wire	Phosphor Blue		
Bottom	Black		
Component			
Body Options	Flame Parkwood Cherry 172 198 x 114 x 21 x 21 55% 56 1/2 70 1/2	Pickup Specifications	
Control Features	Black, Pearl 55 1/2, Red Tulip, Blue, Pink Cherry One Volume, One Tone, One Pick, 110000 1/2-Per Control Position 11 Speed (Control) to the pickup Three 1/2 pickup coils Position 10 Control nutlets	Model Number	5000 (Two)
		Description	High Output, Distortion-Free Handwired with Ceramic Magnets for exceptional upper harmonics.
		As On E-180	\$600
		P-10 (to M-100)	47
		Volume (to M-100)	7.9
		C-100	25.2
		Output (to M-100)	4.71 dB
		Magnetic Shielding	Control
		Resistance (to M-100)	12.00





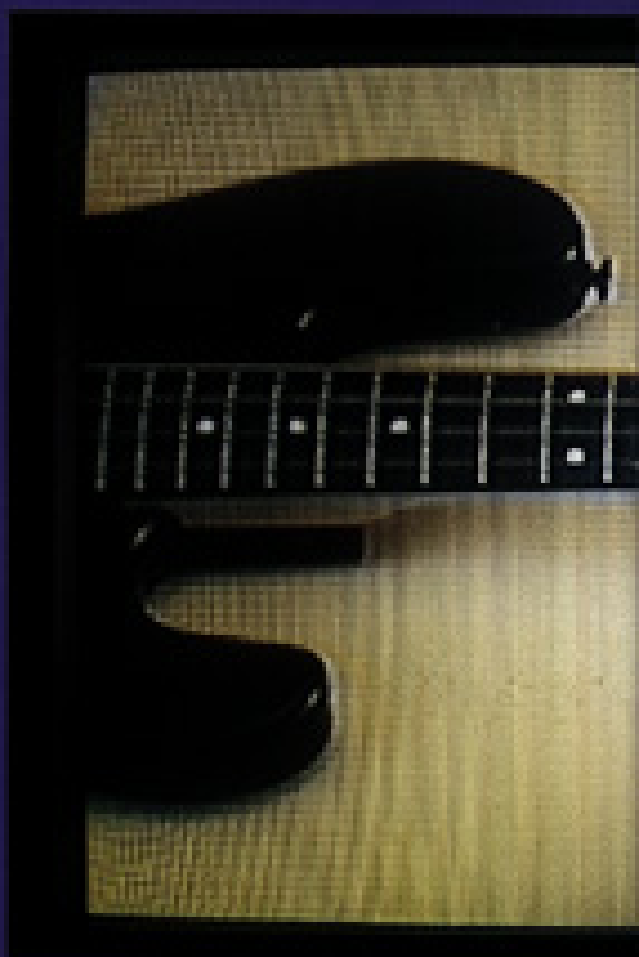
Model-6

General Specifications

Truss Rod	Butterfly Reinforced Adjustable Locking Formula Fretless
Body Construction	Maple, Flangeback
Construction	Back Maple, Burstak, Jumbo / Guitar Series, Les Paul, Les Paul® 50's 22 CB
Neck Construction	Maple
Four-Way Switches— Pickups	Reinforced CB Board, 11- 114" x .124" x .51" x .24"
Construction— Pickups	18% Nickel Silver
Pickup Options	Black Pearl White, Red Candy Apple, Blue Cherry
Control Functions	One Volume, One Tone, Volume Tone Supercuts (2-100) Mastercuts with Kohlsch. Class 2 Tone Kohlsch. Taps

Pickup Specifications

Model Number	1500 (Hus.)	1500C (Hus.)
Description	Full Coil Hollow Vibrating Designed for use with active electronics	Reinforced High Response Bridge pickup Vibrating Designed for use with active electronics
DC Resistance	6.5k	6.5k
AC Resistance (100Hz)	1.6k	5.4k
Inductance (100Hz)	2.8	8.8
Q (100Hz)	12.5	22.5
Output Level (100Hz)	100dB	100dB
Magnetic Mounting	Alnico V	Ceramic
Resistance Coefficient	1.5%	2.5%



Model-1B

General Specifications

Bridge System	Les Paul® CFT-10
Body Construction	Electric
Body Finish/Color	Black Maple Sun-Glo, Quarter-Sawn Maple
Construction	Maple
Machine Heads	Locking GIB®
Truss Rod	Adjustable
Construction	Fixed
Front Plate Hardware	Locking C6-Block® F1
Size	128 in. (32.5 in. x 10 in. x 4 1/2 in.)
Construction	100% Mahogany
Finish System	Black, Red, Vintage Ivory
Control Potentiometer	One Volume, One Tone

Pickup Specifications

Model Number	110 (Dual)
Description	Vintage Style, Split Coil, Magnetically Shielded, Bass Pickup for Midrange Frequency
R to R (R/R)	0.45
R to R to M (R/R/M)	15.7
R to R to M to R (R/R/M/R)	5.3
Q (R/R)	1.6
Output Level (dB)	+12 (dB)
Impedance (R/R/R/R)	4.2 in. 9
Resistance (R/R/R/R)	11.50





Model- 2B

General Specifications

Bridge System	Les Paul® CBM
Body Construction	Topset
Neck Construction	Les Paul® Set-Neck, Quarter-Sawn
Construction	Traditional
Machine Heads	Les Paul® CBM
Truss Rod	Adjustable
Body Size	Standard Les Paul® 171
Scale	24 3/4" (24 3/8" to 25")
Construction	100% Solid Body
Finish Options	Black, Cream, White, and various others
Control Features	Master Volume, Master Tone, Distortion, and Les Paul® Dual Tone

Pickup Specifications

Model Number	150C (coil)	150D (coil)
Description	Vintage Type, Split Coil, Magnetically Shielded, Quarter-Sawn, 7.5K Ohm, MS Pickups, Patented	Vintage Type, Quarter-Sawn, 8.2K Ohm, Magnetically Shielded, Quarter-Sawn, 7.5K Ohm, MS Pickups, Split Coil Bridge position
DC Res. @ 10k	14.6	15.1
AC Res. @ 100k	33.7	1.8
Inductance @ 1000 Hz	1.2	3.2
Q Factor	14.8	17.3
Output Level @ 100k	1.15VdB	1.85VdB
Magnetic Shielding	Master T	Master T
Resistance @ 100k	1.1K	1.2K





MODEL 3B
 General Specifications
 Bridge System:
 Body Composition:
 Neck/Fingerboard
 Composition:
 Machine Heads:

Model-3B

Pickup Specifications

Model Number	Bob Dyer	Pat McCarty
Quantity	Two (Type 1) or One	Two (Type 1) or One
Material	Aluminum	Aluminum
Construction	Cast	Cast
Coil Winding	Handwound	Handwound
Resistance @ 20°C	12.5K	12.5K
DC Resistance @ 20°C	12.5K	12.5K
Inductance @ 1kHz	5.0H	5.0H
Capacitance @ 1kHz	10.0pF	10.0pF
Q Factor	14.0	14.0
Output Level @ 100mV	1.0V	1.0V
Impedance @ 100mV	12.5K	12.5K
Resistance @ 20°C	12.5K	12.5K

CHARVEL
BY JACKSON/CHARVEL

GTM-6



Introducing the GTM-6 Guitar-to-Midi Converter

The Charvel GTM-6 allows you to connect up to 8 synthesizers or samplers simultaneously and to play them "sequentially" with your own Charvel electric guitar.

The GTM-6 is the "latest" and most versatile MIDI interface unit on the market. Five Package built directly into the cabinet of a semi-retained overset bridge provide instant, clear triggering without the usual overshoot and timing problems that have traditionally plagued guitar synth technology.

The GTM-6 is ideally suited to the performing artist. The Triple Foot Pedal unit controls the Sequence, Hold and Chain functions making it possible to pre-program all performance routines from as many as three preset choices with more than 7000 points.

In addition, the detachable Remote Control unit can be mounted on a wire stand to give you full control over all of the GTM-6's performance functions.

THE HEAVY WEIGHT CHAMPION OF THE GUITAR-TO-MIDI CONVERTER!!!



A standard 1/4" stereo guitar cable (not included) is used to connect your guitar to the GTM-6.

Available for instant operation, remote control allows you to play your guitar to allow, reader.

Additional pins, available separately, are used to connect playing style and feedback.

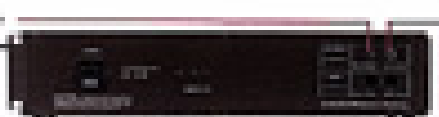
Standard 1/4" stereo foot pedal jack (not included).

For more detailed information, see your dealer, or write to: Charvel, 10000 Wilshire Blvd., Beverly Hills, CA 90210.

Additional details, look inside the cabinet, look to its substantial playing style.

Rear Panel

Each unit is designed to connect to your own MIDI system. The GTM-6's rear panel will be used to connect your MIDI system.



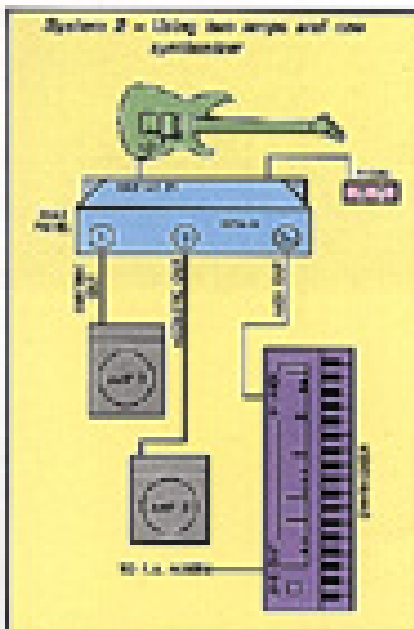
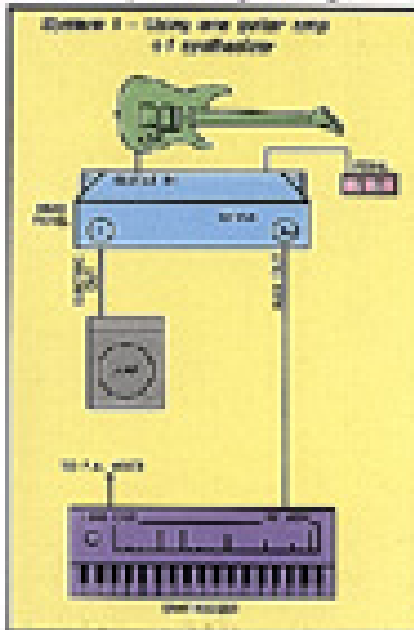
Additional details, look inside the cabinet, look to its substantial playing style.

The standard guitar type used for a standard 1/4" stereo cable (not included) is used to connect your guitar to the GTM-6.

Red and white wires are used to connect your MIDI system to the GTM-6's rear panel.

Typical GTM-6 System applications

① General On ② Access On ③ Dual On ④ Dual On



The 1000 note Sequencer is designed for quick and easy live applications. Use it to "record" a repeating chord progression and then step on the pedal to have it play back the chord progression while you're free to solo on top of it.

Or use the GTM-6's hold function to create a single chord (preferably, if you like) while you're on top of it. If MIDI to 8 synthesizers or more, since the guitar sequencer and hold function are all individually assignable, one synthesizer can be used for a chord hold pattern, another synth for playing sequence progression while a third synth can be used for solo lead lines. The mind boggles!

The GTM-6 connects the guitar via a standard stereo cord. The rear panel of the GTM-6 features two standard MIDI systems, a phase pickup output and magnetic pickup output, delivering the raw unaffected guitar sound. Thus, the "un-

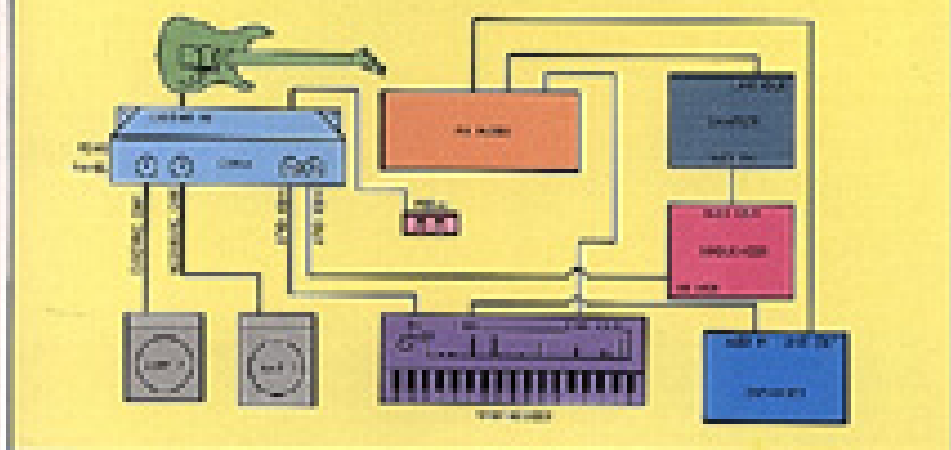
multi-tracking phase signal can be used to create or accentuate the electric output/signal.

The Sensitivity knobs on the front of the GTM-6 let you adjust the sensitivity of each string individually. Use this knob to compensate for changes in string gauge or playing style.

By adjusting the dynamic knob on the front panel, the GTM-6 can control the degree to which individual playing notes affect the volume function and sustain. At maximum settings the guitar will be very responsive to the am-



System 3 - Using 2 guitar amps, synthesizer, expander, sequencer and amplifier



plitude of your playing. At minimum settings the system will play at a consistent level volume and sustain.

The GTM-6 provides three separate pitch bend modes. Use the bend mode to follow even the slightest conventional pitch bend. Use the trigger pitch bend mode to articulate adjacent notes when to get the effect of raising your fingers up or down a piano keyboard. Or use the Quarter note pitch bend mode to get the same "up and down of the keyboard" effect, only without the retriggering of each new note.

The GTM-6's compensation mode will change the pitch of the guitar string (individually) over extreme up or down. A built in tuner makes it easy to keep your guitar in tune!





CHARVEL

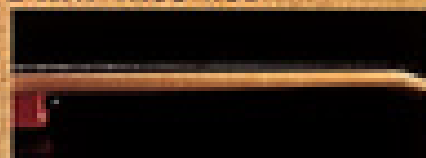
ORIGINAL FEATURES OF CHARVEL/JACKSON GUITARS

SCARF JOINT



The neck is designed to slide in from above, providing superior heavy string action.

2-WAY TRUSS ROD



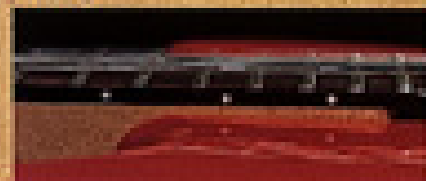
The metal plate and metal control plate are mounted inside of the neck. These two metal plates lock in opposite directions each other. On each adjust operation, pressure on string is stable and accurate adjustment is easy.

PHENOLIC NUT



The nut is a material called PHENOLIC, a new which has the most suitable characteristics for use such as durability, light weight, stability, and so on.

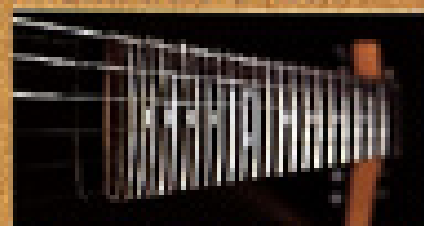
PRETS



Choosing the perfect fret is crucial quality, from material like 304, 303 and others are used to use

Thickness and height are designed to have the best fitness to make fastness play, positive or bending play.

FINGERBOARD & NECK



In addition to the selected wood, the neck and construction of fingerboard shape is the reason of great reputation of CHARVEL/JACKSON guitars. Selected shape of the finger board, means perfectly fit from the real scale-based high precision, which is the reason major guitar players select CHARVEL/JACKSON guitars.

LUG



Custom base slotting pattern is applied to all Charvel/Jackson. This, with metal plate called "LUG" is mounted inside of body to have perfect stable.



FINISH OPTIONS

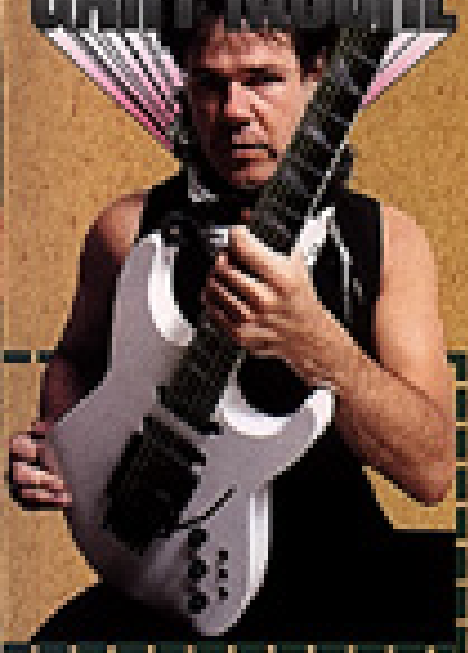


VEL & JACKSON



GROVER JACKSON

BARY MOORE



BRIDGE SYSTEM

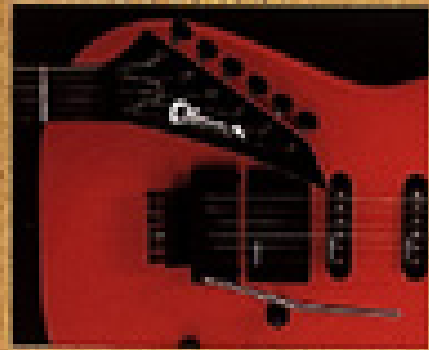
TRADITIONAL 3-SPRING FULCRUM
For model 1, 14



KAHLER™ FULCRUM
For model 2, 3, 3A



JACKSON® LOCKING TREMOLO
For model 3, 3A, 4A, 5, 8



KAHLER™ STANDARD
For model 4, 5, 8



JACKSON® BASS BRIDGE
For model 1B, 2B, 3B



BLACK

RED

VINTAGE PINK

PEARL WHITE

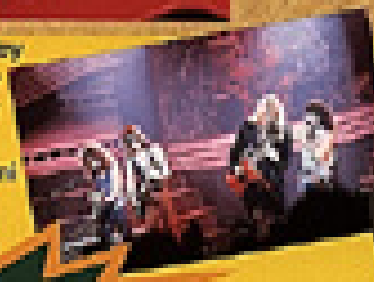
ELECTRIC BLUE

BLACK CHERRY

COCAINE BLUE

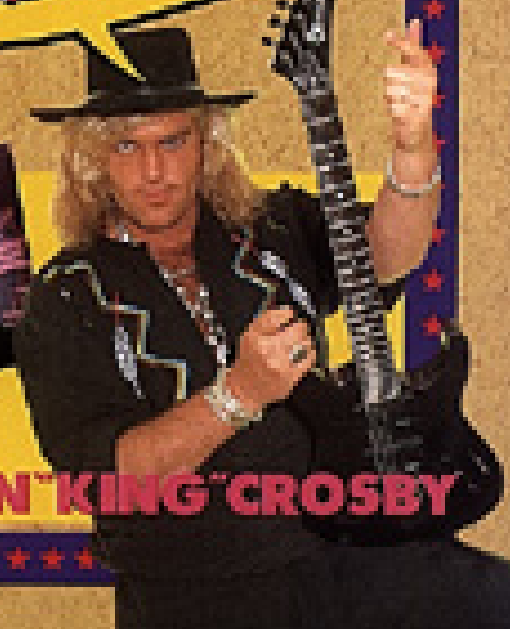


Stephen Pearcy
Juan Crescier
Bobby Blotter
Women Do
Martini



RAT PATROL

ROBBIN KING CROSBY



THE CHARVEL GUITAR COMPANY

P.O. Box 2044, Red Wood, TX 75113, U.S.A.

