

SHARK  
DISTORTION

▶ DC9V IN

◀ OUTPUT

▶ FOOT SW.

▶ INPUT



**Effect Component**

Electronics Design Licenced by Rocktron

POWER

MASTER

[EFFECT]

TREBLE

MIDDLE

BASS

GAIN

MODE

EFFECT

**Ibanez**

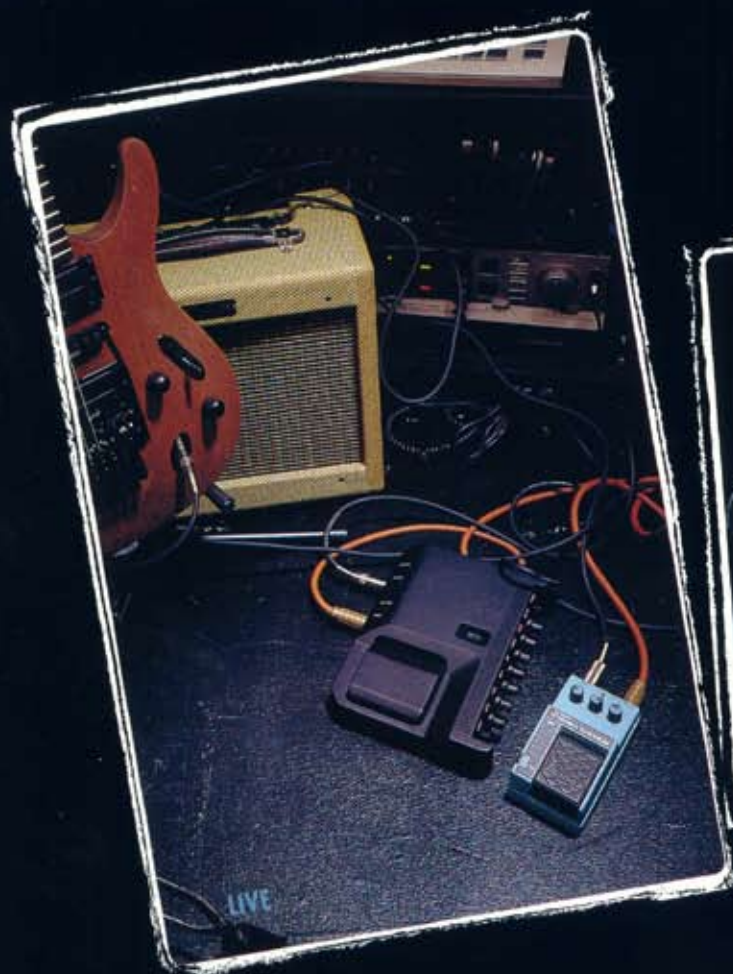
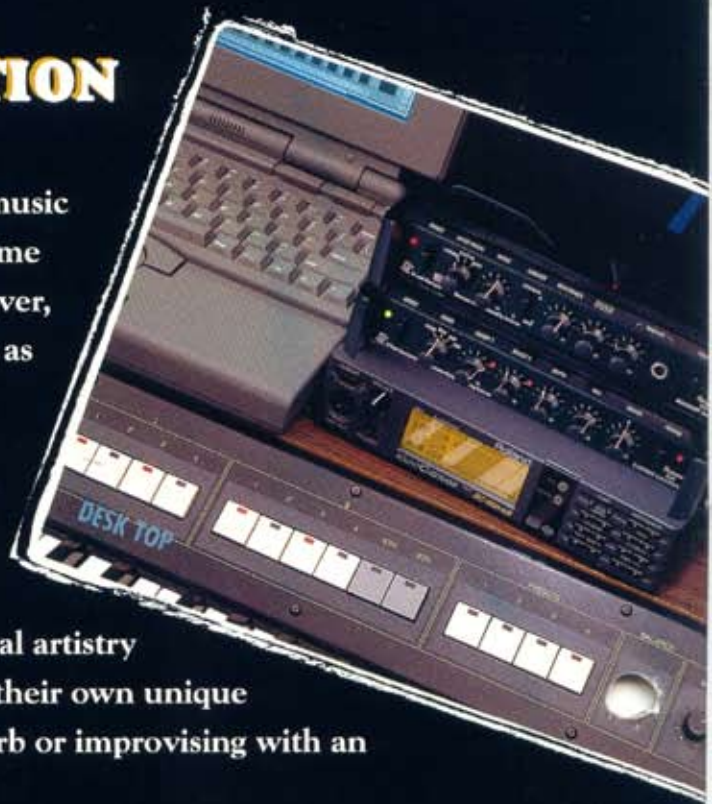
## IN PURSUIT OF PERFECTION

Man and Music. Since time began man and his music have been inseparable. Nobody knows which came first, or what will come next. We do know, however, today's musicians are creating tomorrow's music as we speak.

With the invention of electricity, the sound of music became audible to every person on earth. With musical technology, the creation of music became a reality for all those same people.

Especially in the realm of effects, today's technical artistry makes it possible for every musician to produce their own unique sound by improving on a natural effect like reverb or improvising with an artificial sound like distortion.

Musical effects available up to now have been designed to incorporate one of the following features: portability, ease of operation or professional quality sound generation. Introducing Ibanez' EC (Effect Component) Series - the first effect to combine all three of the most desirable features in one futuristic "desk top pedal" format.



**Portability:** EC fits anywhere you need it to; at the gig on a cramped stage, at your home studio in that slightly cluttered rack (19") or on your somewhat crowded computer desk for use in your DTM system. The controls are arranged horizontally along the side while the on/off pedal is easily accessible on the top. LED indicators are

located on both the side and top so that you can always confirm the effect status from any position. If you place EC in a rack, EC's remote foot switch jack allows you to control the on/off switch externally.

**Ease of operation:** You can't use it if you don't understand it. EC's analog controls are so simple and easy to understand that you can start using EC as soon as you take it out of the box.

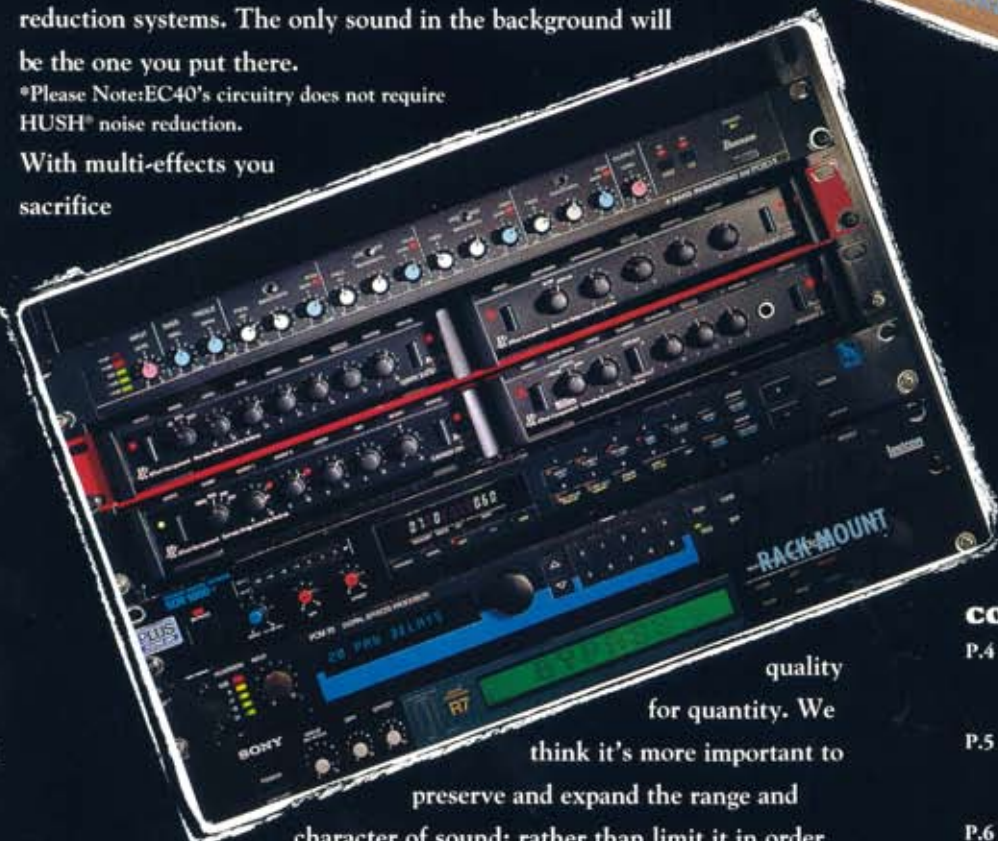
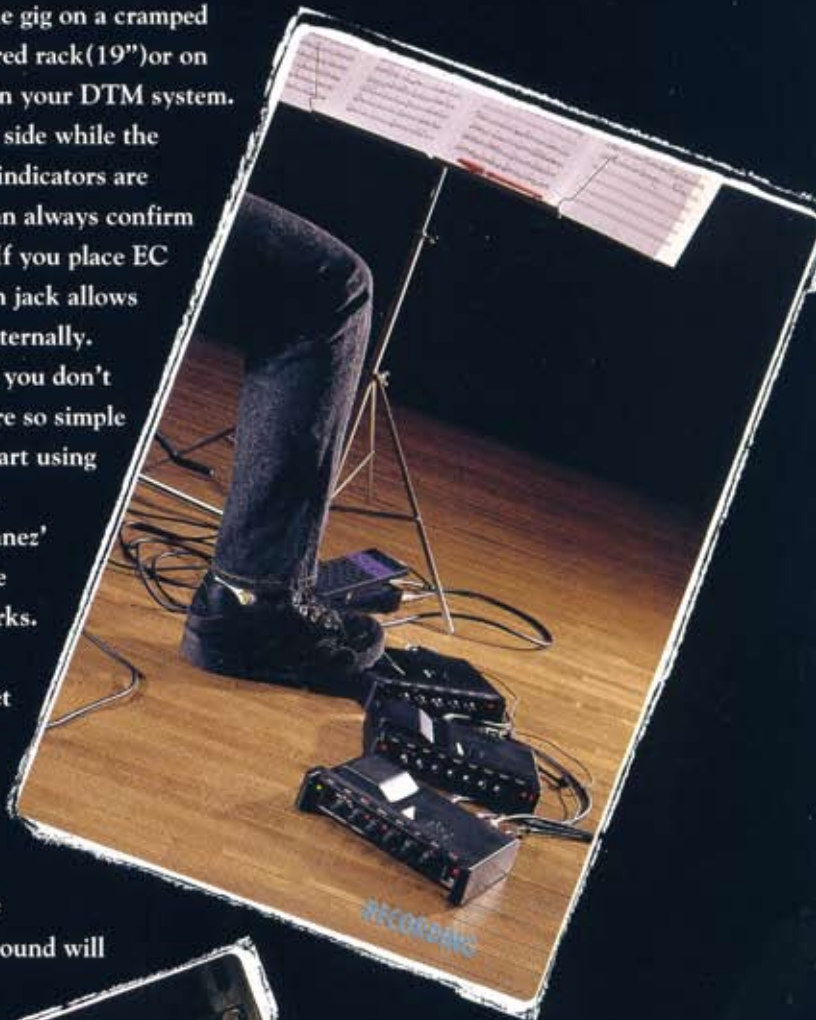
**Professional quality sound generation:** Ibanez' EC was developed in collaboration with the acclaimed Rocktron Electronics Design Works. Rocktron's advanced signal processing technology allows you to crunch on stage or get crystal clear effects in the studio-with one effect-EC.

**Noiseless:** Silent operation is another key advantage of the EC Series. All units, except EC40\*, are equipped with built-in HUSH® noise reduction systems. The only sound in the background will be the one you put there.

\*Please Note: EC40's circuitry does not require HUSH® noise reduction.

With multi-effects you sacrifice

quality for quantity. We think it's more important to preserve and expand the range and character of sound; rather than limit it in order to compress multiple effects into one unit. That's why we isolated and specialized on one effect at a time. By concentrating on sound purity, we're proud to offer you the best single function effects available in a series-the Ibanez EC Effect Series.



## CONTENTS

- P.4 EC20  
Shark Distortion  
Distortion with HUSH®
- P.5 EC30  
Elephant Comp  
Compressor with HUSH®
- P.6 EC40  
Canary Chorus  
Dual Mode Chorus
- P.7 EC50  
Parrot Box  
Amp/Speaker Simulator with HUSH®

# EC20 SHARK DISTORTION

Distortion with HUSH®

*Distortion is the backbone of today's rock music scene. Originally, distortion was an unwelcome racket resulting from an overloaded signal level. But, one musician's overload is another musician's blessing and so there you have it—the most popular guitar sound in the world today.*

*SHARK DISTORTION recognizes and salutes that musician's inventive and creative contribution to rock music.*



EC20 SHARK DISTORTION was created to extend the possibilities of distortion, an absolutely integral part of modern rock music.

The noiseless quality of SHARK DISTORTION, made possible by the HUSH® noise reduction system, produces a broader range of possibilities in distortion creation. Because of this noiseless feature, you can go for the heaviest distortion or feedback technique without worrying about white noise overload. With this advantage, you can invent your own distortion sound by combining any of three different modes:

1. OD-natural over-drive tone.
2. DIST 1-traditional big stack amp arena distortion
3. DIST 2-modern higher gain amp distortion (treble tone with longer sustain)

The gain control plus three band EQ offers you wider tonal variation with its +10dB control range for each band. And of course, because of HUSH®, you can forget about the overload which usually occurs when you boost your EQ.

## SPECIFICATIONS

INPUT IMPEDANCE:	500k $\Omega$
EQUIVALENT INPUT NOISE: (IHF-A)	HUSH OFF -105dBv HUSH ON -160dBv
CURRENT DRAW(MAX):	40mA/DC9V
SIZE:	218(W) X 44(H) X 168(D)(mm)
WEIGHT:	660g
OPTION:	AC ADAPTER AC109

ACCESSORIES

FS1M Foot Switch (Momentary Type)



# EC30 ELEPHANT COMP

Compressor with HUSH®

Modern music composers are increasingly looking for ways to add a greater human touch to their music by manipulating sound dynamics. In the past, musicians preferred a flatter sound so that the music sounded machine-like and automated. But, nowadays, dynamics control effects are used to recreate a more human feel, by compressing or limiting the range of dynamics or by adding natural sustain. Dynamics are the key to a musician's expression of individual creativity. ELEPHANT COMP supports musicians in their quest to translate human feelings into live music.



EC30 ELEPHANT COMP helps you control your dynamics without suppressing natural dynamic activity. ELEPHANT COMP is designed to increase the limited signal range of natural dynamics available on guitar amplifiers. You control the dynamics by adjusting your compression level and then deciding how much that signal should be reduced. Finally, set the enhancement control for your attack. Whether you desire a smooth or rough attack is entirely up to you. EC30 can express either effortlessly. Another handy feature on ELEPHANT COMP is the HUSH® noise reduction system. HUSH® insures that no annoying background noise will intrude on your mellow moments when you have the HUSH® engaged. You can choose between two different ways of using HUSH®:

1. IN/OUT MODE: HUSH® turns on and off simultaneously with the compression effect.
2. ALWAYS IN: HUSH® is always on, regardless of the compression effect status. You can control and influence the dynamic range in every imaginable way by combining EC30's compression and enhancement controls.

## SPECIFICATIONS

INPUT IMPEDANCE:	1MΩ
EQUIVALENT INPUT NOISE:	-98dBv
FREQUENCY RESPONSE:	20Hz-20KHz±1dB
CURRENT DRAW(MAX):	20mA/DC9V
SIZE:	218(W) X 44(H) X 168(D)(mm)
WEIGHT:	640g
OPTION:	AC ADAPTER AC109



TR2 Rack Mount Tray

# EC40 CANARY CHORUS

Dual Mode Chorus

*No two things are alike in nature. Each piece of music is unique in its own way as well. Even the slightest variation in pitch produces a hugely different effect. It is this very natural sensitivity of variance that humans seek when creating music.*



EC40 is named CANARY CHORUS to symbolize the quest for a chorus as distinct and bright as a canary's chirp.

By employing EC40's unique Dual Sweep system, you can set two different sweep speeds simultaneously so that you produce a completely natural resonance rather than the mechanical "in-time" modulation typical of regular chorus effects..

CANARY CHORUS has four modes:

1. SINGLE MODE: 1 sweep for traditional chorus effect.
2. DUAL MODE: 2 sweeps for advanced space effect.
3. DEEP MODE: 1 sweep for deep and pronounced chorus effect, which is designed to accentuate and compliment distortion.
4. STEP MODE: You can bypass any of the modes (BYPASS / SINGLE / DUAL / DEEP) by either stepping on the foot switch, or by pushing the effect switch on the front panel. You'll immediately see an LED which indicates your current model. (red=SINGLE, green=DUAL, and orange=DEEP).

## SPECIFICATIONS

INPUT IMPEDANCE:	470k $\Omega$
EQUIVALENT INPUT NOISE:	-90dBv
FREQUENCY RESPONSE:	
normal	20Hz-20KHz $\pm$ 1dB
effect	20Hz-10KHz $\pm$ 0dB-3dB
CURRENT DRAW(MAX):	40mA/DC9V
SIZE:	218(W) X 44(H) X 168(D)(mm)
WEIGHT:	660g
OPTION:	AC ADAPTER AC109



AC109 AC Adapter



# EC50 PARROT BOX

Amp/Speaker Simulator with HUSH®

*It has been impossible to completely control external influences like room ambiance, speaker response etc.. But now, EC50's technological advances enable you to reproduce your own trademark sound under any circumstances. You can now simulate various sound environments, because PARROT BOX allows you to create your own customized amp/speaker configurations.*



EC50 PARROT BOX simulates the character of a guitar amplifier or speaker system when you send your guitar signal directly to a sound mixer/MTR. PARROT BOX simulates not only the frequency characteristics of guitar amplifiers and speaker systems, but also the sonic reactions which occur electrically between amplifiers and speakers. PARROT BOX accepts your input signal in three different ways: PRE-AMP (output signal from guitar pre-amp, or effect-send of combo-amp), GUITAR (direct signal from electric guitar), DISTORTION (output signal from DISTORTION pedals). Each mode has its own tonal character which will reproduce the designated guitar output sound from each input signal. PARROT BOX's most distinctive feature is its unique simulation controls:

1. CABINET-You can select either open-back (mid-fat) or sealed cabinet (punchy bottom).
2. REACTANCE-You can recreate the powerful warmth of classic tube amplifiers. Turn the control clockwise and you'll get a clearer modern tone. Turn the control counter clockwise and you'll get a vintage tone.

PARROT BOX has the built-in HUSH® noise reduction feature so you can create your personalized guitar sound without any uninvited white noise in the background.

## SPECIFICATIONS

INPUT IMPEDANCE:	470k $\Omega$
MAXIMUM INPUT LEVEL:	+8dBv
EQUIVALENT INPUT NOISE:	HUSH OFF -95dBv (IHF-A) HUSH ON -110dBv
CURRENT DRAW(MAX):	100mA/DC9V
SIZE:	218(W) X 44(H) X 168(D)(mm)
WEIGHT:	660g
OPTION:	AC ADAPTER AC109



DC4 DC Cord



The concept for Ibanez EC Effect Series is "Pursuit of Perfection".  
In every Ibanez product, we strive to include the best value, durability  
and quality possible-in short-perfection. As with all our products, the  
EC Series was created by a few of us so that you, the musician, can,  
in turn, continue to create for all of us.

Rock on.

Effect Component

**Ibanez**

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