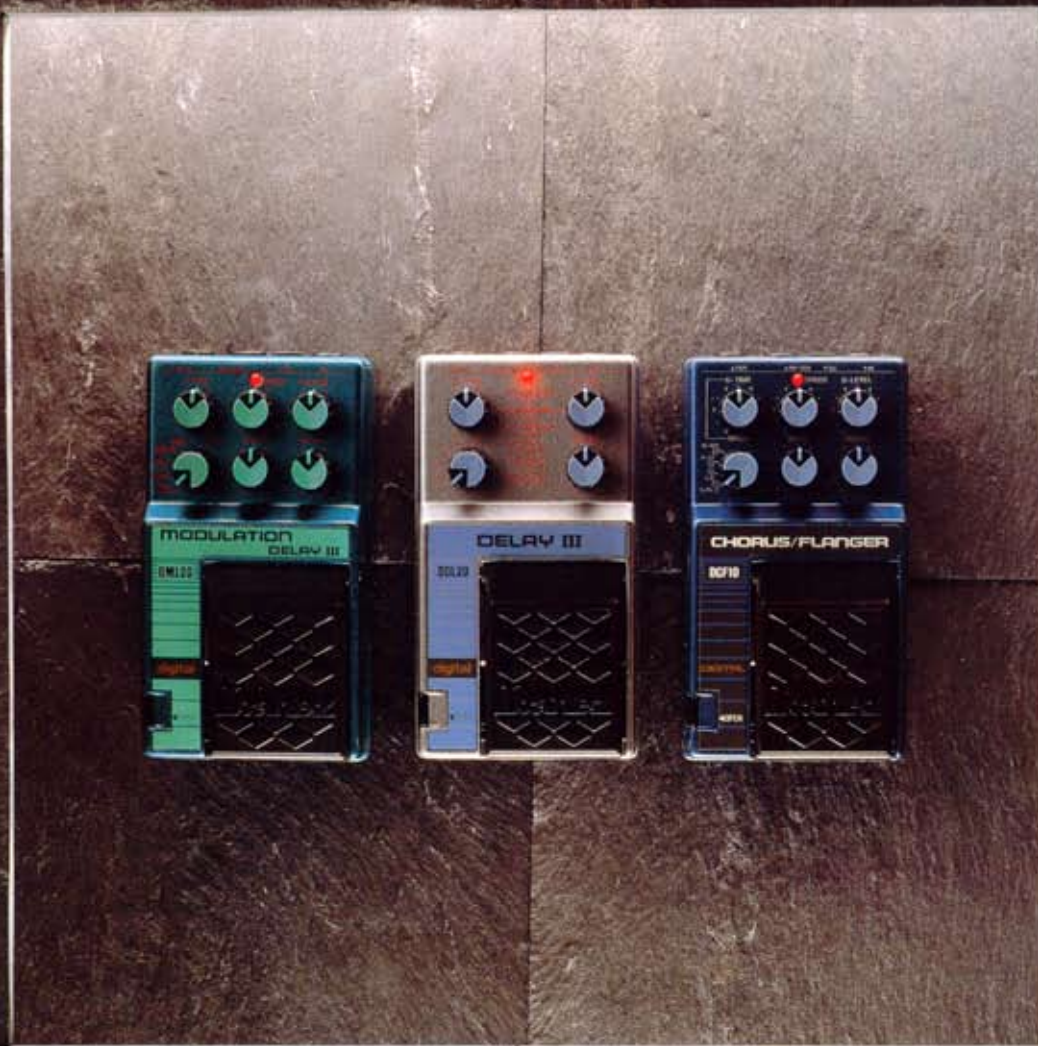


# IBANEZ POWER SERIES COMPACT EFFECTS



**Ibanez**





There are several factors that musicians must consider when developing their "own sound". The most obvious is a personal playing technique, but other aspects must be taken into account as well, such as the instrument itself, amplifier(s) and of course signal processing or effects. Compact effects have firmly taken root in the modern live circuit and studio scene, adding color and new dimensions to contemporary music.

Blending variety, quality and superb specifications, the IBANEZ POWER Series of compact effects have been tailored for the needs of today's musician. True to the longstanding tradition of IBANEZ leadership, the POWER Series will make sure you and your sound stay ahead.





## SS10 SESSION-MAN

Ibanez introduces a new generation of effects with the SS10 SESSION-MAN DISTORTION/CHORUS unit. The SS10 combines the distortion with the chorus in a unique manner which permits either a series connection (output of Distortion into input of Chorus) or a parallel connection (dry signal is fed to both the DISTORTION and CHORUS and the two effects are summed at the output). The PARALLEL MODE also permits you to use either the DISTORTION or the CHORUS effects individually. The SS10 combines two of today's most popular effects into one convenient package.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
<b>DISTORTION</b>	
MAXIMUM OUTPUT LEVEL	-3dBv
MAXIMUM GAIN	+55dB
<b>CHORUS</b>	
MAXIMUM INPUT LEVEL	+4dBv
DELAY TIME	3.2ms-8.5ms
SPEED RANGE	0.6Hz-6Hz
EQUIVALENT INPUT NOISE	100dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	25mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER

## TS10 TUBE SCREAMER CLASSIC

There are two types of overdrive sound. One type keeps the nuance of the original sound, such as an overdriven tube amp. The other is excessive distortion as used by Heavy Metal Musicians. The TS10 acts as an overdriven tube amp. It adds fat, tenacious sustain to your guitar sound without spoiling the character and picking nuance. It is also the most suitable for chord backing. The TS10 is recommended for the musician who is tired of excessive noise and instead wants a quality sound.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM OUTPUT LEVEL	-0dBv
MAXIMUM GAIN	+40dB
EQUIVALENT INPUT NOISE	110dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	7mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER

## DS10 DISTORTION CHARGER

The Ibanez DS10 Distortion Charger is probably the most unique distortion unit ever produced. It can produce virtually any type of distortion from classic tube type overdrive to massive Heavy Metal. The ENHANCE knob allows you the ability to enhance or sweeten your tone. What's more, the ENHANCE function can be used independently of the distortion by using the OUT B output jack. The DS10 is what distortion units should have been all along.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM GAIN	+55dB
EQUIVALENT INPUT NOISE	110dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	9mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER



NEW

## SS20 SESSION-MAN II

The addition of short delay to the new SS20 SESSION-MAN II gives your guitar a depth and presence not possible with conventional distortion pedals. The SS20 makes it easy to enhance the distorted sound with such effects as doubling or "reverb" echo. Since the MODE switch lets you select between serial and parallel connection of the two built-in effects, you can create a wide variety of combined distortion plus delay sounds or use them independently as you would two separate pedals. The versatile SS20 SESSION-MAN II - more than just two effects in one.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
<b>DISTORTION</b>	
MAXIMUM OUTPUT LEVEL	-17dBv
MAXIMUM GAIN	+56dBv
<b>DELAY</b>	
MAXIMUM INPUT LEVEL	+6dBv
DELAY TIME	7ms-70ms
EQUIVALENT INPUT NOISE	115dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	38mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER

## FC10 FAT CAT DISTORTION

The FC10 delivers the widest range of distortion sounds ever offered by a single compact effect. From subtle overtones to raging raunch, the FC10 places a "spectrum" of distortion colors at your command. Whether your application is "dirty" rhythm or overdrive leadwork, the FC10 has a new sound for you. The Ibanez Fat Cat may will be the last distortion device you ever need.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM OUTPUT LEVEL	-2dBv
MAXIMUM GAIN	+60dB
EQUIVALENT INPUT NOISE	120dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	7mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	360g
OPTION	AC109 9V AC ADAPTER

## MS10 METAL CHARGER

There are two types of overdrive sound. One style is excessive distortion such as that used by "Heavy Metal" musicians. The other is similar to an overdriven tube amp. The MS10 creates the hot, excessive distortion that is most desired by "Heavy Metal" players. The MS10 is a hot distortion with five controls to create heavy sound variations. The heavy sound of the MS10 will make both you and your guitar SCREAM.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	1M $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM GAIN	+52dB
EQUIVALENT INPUT NOISE	110dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	12mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER







## SC10 SUPER STEREO CHORUS

The Ibanez SC10 is the basic model Stereo Chorus in the Power Series. It is an analog type unit with Normal and Inverted type stereo outputs. The new feature found on the SC10 is the addition of a D-TIME knob which varies the delay time from 1 ms to 7.2 ms, thus giving you an added dimension in chorusing.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
DELAY TIME	1.0ms-7.2ms
SPEED RANGE	0.04Hz-10Hz
EQUIVALENT INPUT NOISE	100dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	20mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER

## TC10 TWIN CAM CHORUS

The Ibanez TC10 TWIN CAM CHORUS provides instant relief from boring chorus sweeps. The TC10 provides two independent sweep sections that can be combined to create complex, rich-sounding sweep patterns. One sweep section sweeps at a fast rate while the second section sweeps at a slower rate. This enables asymmetrical chorus sweeps, true vibrato and pitch-bending effects, and shimmering, lifelike ensemble sounds.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
DELAY TIME	4ms-9.3ms
SPEED RANGE	A: 0.04Hz-10Hz B: 0.2Hz-3Hz
EQUIVALENT INPUT NOISE	100dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	20mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER

## PC10 PRIME DUAL CHORUS

The Ibanez PC10 combines the features of a Stereo Chorus and a Flanger in one compact unit. By using the MODE switch and an external footswitch, one can experience the versatility and flexibility that this unit has to offer. Imagine being able to switch from one effect to another just by hitting one switch.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
DELAY TIME	A: 3.2ms-8.5ms B: 1.3ms-6.4ms
SPEED RANGE	A: 0.04Hz-10Hz B: 0.035Hz-9Hz
EQUIVALENT INPUT NOISE	100dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	28mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER



## SF10 SWELL FLANGER

The Ibanez SF10 is just the effect that you need to spice up the sound of your electronic instrument. With just the turn of a knob, you can either chorus or flange with this versatile unit. What's more, because of its low power consumption, the SF10 can offer you reliable service with low operating cost.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+7dBv
DELAY TIME	1.0ms-12.8ms
SPEED RANGE	0.04Hz-10Hz
EQUIVALENT INPUT NOISE	100dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	18mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER

## CD10 DELAY CHAMP

An effective way to fatten the sound of an electronic instrument such as an electric guitar or synthesizer is to add depth and extension with a delay. The sound becomes very rich with slightly repeated echoes. It is very important for the repeat echoes to sound natural. The CD10 covers most useful delay time range, 20 ms to 300 ms, exhibits low noise, has a wide dynamic range and its cost is low per performance due to its low power consumption.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+7dBv
DELAY TIME	20ms-300ms
EQUIVALENT INPUT NOISE	100dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	24mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER

## PH10 BI-MODE PHASER

Phasing effects have been around for some time now. The Ibanez PH10 BI-MODE PHASER takes the phasing effect farther than ever before. The exclusive MODE SWITCH lets you choose between the 6-stage mode for mellow, swirling sounds, and the 10-stage mode for the richest, deepest phasing possible. Sweep SPEED, WIDTH, and FEEDBACK controls make precise and subtle setting easy.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+8dBv
SPEED RANGE	0.04Hz-10Hz
MODE	6 STAGE/10 STAGE
EQUIVALENT INPUT NOISE	90dBV(HF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006PALKALINE) OR AC ADAPTER
POWER REQUIREMENT	22mA(DC9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	410g
OPTION	AC109 9V AC ADAPTER



# digital effects



NEW



NEW



## DML20

DIGITAL MODULATION DELAY III **16kHz BANDWIDTH**

The Ibanez DML20 Digital Modulation Delay provides chorus/flange / delay effects at a full range of 16kHz. The delay time is from 1msec to 1024msec so that doubling, echo and sound on sound can be achieved with full fidelity.

The modulation section with a full 4:1 sweep ratio provides the user with lush chorusing and flanging. The DML20's stereo output provides three dimensional spatial effects and all of the above without resorting to expensive rack mount effects.

<b>SPECIFICATIONS</b>	INPUT IMPEDANCE.....	500k $\Omega$
	OUTPUT IMPEDANCE.....	< 1k $\Omega$
	MAXIMUM INPUT LEVEL.....	+5dBv
	MAXIMUM OUTPUT LEVEL.....	+5dBv
	DELAY TIME.....	1 FLANGER 1ms-4ms
		2 CHORUS 4ms-16ms
		3 DOUBLING 16ms-64ms
		4 ECHO S. 64ms-256ms
		5 ECHO M. 128ms-512ms
		6 ECHO L. 256ms-1024ms
	BANDWIDTH.....	16kHz (+0.5, -3dB)
	SWEEP RATIO.....	1:4
	SPEED RANGE.....	0.06Hz-13Hz
	TOTAL HARMONIC DISTORTION.....	0.5%/400Hz, -20dBv
	EQUIVALENT INPUT NOISE.....	-90dBv(9F-A)
	POWER SUPPLY.....	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
	POWER REQUIREMENT.....	68mA(DC9V)
	SIZE.....	125(D) x 70(W) x 54(H)mm
	WEIGHT.....	460g
	OPTION.....	AC109 9V AC ADAPTER

## DDL20

DIGITAL DELAY III **16kHz BANDWIDTH**

Not only do digital effects provide realistically delayed sound but they offer a wide array of new sound possibilities. For example, complete doubling effects can be produced with a setting of a short delay time with one repeat using the stereo output of the DDL20. The DDL20 features delay times from 8msec to 1024msec with a 16kHz bandwidth and needs no noise reduction circuits so a clean, clear sound is achieved.

<b>SPECIFICATIONS</b>	INPUT IMPEDANCE.....	500k $\Omega$
	OUTPUT IMPEDANCE.....	< 1k $\Omega$
	MAXIMUM INPUT LEVEL.....	+5dBv
	MAXIMUM OUTPUT LEVEL.....	+5dBv
	DELAY TIME.....	1 FILTERING 8ms-32ms
		2 DOUBLING 16ms-64ms
		3 SLAPBACK 32ms-128ms
		4 ECHO S. 64ms-256ms
		5 ECHO M. 128ms-512ms
		6 ECHO L. 256ms-1024ms
	BANDWIDTH.....	16kHz (+0.5, -3dB)
	TOTAL HARMONIC DISTORTION.....	0.5%/400Hz, -20dBv
	EQUIVALENT INPUT NOISE.....	-90dBv(9F-A)
	POWER SUPPLY.....	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
	POWER REQUIREMENT.....	68mA(DC9V)
	SIZE.....	125(D) x 70(W) x 54(H)mm
	WEIGHT.....	440g
	OPTION.....	AC109 9V AC ADAPTER

## DCF10

DIGITAL CHORUS / FLANGER

The Ibanez DCF10 Digital Chorus Flanger is a compact digital signal processor with a smooth 1:8 modulation sweep ratio and a wide 7 kHz bandwidth. It also features Normal and Inverted stereo outputs and a variable Delay Time from 0.25 ms to 128 ms. What's more the DCF10 eliminates the need for a separate chorus and flanger so it's economical too.

<b>SPECIFICATIONS</b>	INPUT IMPEDANCE.....	500k $\Omega$
	OUTPUT IMPEDANCE.....	< 1k $\Omega$
	MAXIMUM INPUT LEVEL.....	+5dBv
	MAXIMUM OUTPUT LEVEL.....	+5dBv
	DELAY TIME.....	1 0.25ms-2ms
		2 1ms-8ms
		3 4ms-32ms
		4 16ms-128ms
	BANDWIDTH.....	7kHz (+0.5, -3dB)
	SWEEP RATIO.....	1:8
	SPEED RANGE.....	0.06Hz-13Hz
	TOTAL HARMONIC DISTORTION.....	0.5%/400Hz, -20dBv
	EQUIVALENT INPUT NOISE.....	-90dBv(9F-A)
	POWER SUPPLY.....	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
	POWER REQUIREMENT.....	64.5mA(DC9V)
	SIZE.....	125(D) x 70(W) x 54(H)mm
	WEIGHT.....	480g
	OPTION.....	AC109 9V AC ADAPTER





## CP10 COMPRESSOR/SUSTAINER

There are two primary factors that control the tonality of sound. One is the attack and sustain of the envelope and the other is the arrangement of the harmonics. The CP10 is designed to control the attack and sustain of the envelope. Compressors and limiters are usually used for recording. Usual pedal type compressors break the attack and make the sound dull. The CP10 can increase the sustain while keeping the attack natural. It also exhibits ultra low noise qualities (-107dBv), so that it is valuable as at home, in the studio, at it is live.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	10dBv
MAXIMUM OUTPUT LEVEL	10dBv
ATTACK TIME	5ms-22ms
COMPRESSION RANGE	35dB
EQUIVALENT INPUT NOISE	-107dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER

## OT10 OCTAVE

The Ibanez OT10 lets you fatten your solo guitar sound by adding an identical line exactly one octave below the original melody for a rich unison effect. Designed exclusively with electric guitars in mind, it produces a responsive, natural sound that will give you guitar work fullness and weight. The EDGE control lets you alter the high-frequency tone, and you can individually adjust the volume of the OCTAVE and DIRECT sounds to create anything from a mild octaver to a wild synthebass timbre. For exciting hard rock riffs, try combining the OT10 with distortion.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
EQUIVALENT INPUT NOISE	80dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	390g
OPTION	AC109 9V AC ADAPTER

## NB10 NOISE BUSTER

Unlike conventional noise gates, the Ibanez NB10 NOISE BUSTER is capable of cutting out noise not only while there is no signal flow, but during actual playing as well, thus providing far more effective noise reduction. A FREQUENCY control lets the musician eliminate noise components without impairing the envelope or sustain of the original sound. With the NB10, players are liberated from the adverse influence of stage lighting or single coil pick-ups on their music, and high gain distortion effects can be used without having to worry about noise.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+9dBv
FREQUENCY RANGE	350Hz-9kHz
EQUIVALENT INPUT NOISE	94dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	390g
OPTION	AC109 9V AC ADAPTER



## GE10 GRAPHIC EQ

There are two primary factors that form quality musical instrument sound. One is the arrangement of the harmonics within the spectrum. The other is the attack and sustain of the envelope. The GE10 is an effect designed to vary the harmonics within the spectrum. The GE10 is a seven band graphic equalizer with  $\pm 15$  dB of equalization between the frequencies of 100 Hz - 6.4 kHz. With a GE10 you not only custom tailor the tonal qualities of your sound. You also have the ability to eliminate troublesome howls and squeals. The GE10 is certainly one of the most useful effects a musician can own.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
MAXIMUM OUTPUT LEVEL	+3dBv
FILTER FREQUENCY	100, 200, 400, 800, 1.6k, 3.2k, 6.4k (Hz)
FILTER CONTROL RANGE	+15dB
LEVEL CONTROL RANGE	+15dB
EQUIVALENT INPUT NOISE	-107dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER

## LS10 DUAL LOOP SELECTOR

The Ibanez LS10 is a switching device which allows you to group your effects into two discrete loops and either switch between them or bypass them completely. Each loop features it's own level control so that you can contour the volume as desired. What's more, the LS10 can also be used as a master effect on/off switch by using just one of the loops.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
SEND IMPEDANCE	< 1k $\Omega$
RETURN IMPEDANCE	500k $\Omega$
MAXIMUM INPUT LEVEL	+10dBv
MAXIMUM OUTPUT LEVEL	+10dBv
LOOP CONTROL GAIN	+6dB
EQUIVALENT INPUT NOISE	95dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	420g
OPTION	AC109 9V AC ADAPTER



## BASS EFFECTS

## BC10 STEREO BASS CHORUS

Although the chorus effect has been very popular for several years with guitarists and keyboardists, the bass player has had less than desirable success in using most chorus units. The reason is that, until now, chorus units weren't designed with the low frequency range in mind. The BC10 Stereo Bass Chorus maximizes effect potential in this region of the audio spectrum. Delay time control range is longer than usual for a chorus type pedal, giving bassists the ability to "tune" in the effect to the lower register. Standard fare for a chorus unit are speed and width controls; the BC10 has both, in addition to normal and inverted stereo outputs.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+9dBv
DELAY TIME	12ms-12.8ms
SPEED RANGE	0.3Hz-3.4Hz
EQUIVALENT INPUT NOISE	89dBv(HF-A)
POWER SUPPLY	ONE 9V BATTERY (S-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER



NEW



NEW





## BP10 BASS COMPRESSOR

There are two primary factors that determine the quality bass sound. One is the attack and sustain of the envelope and the other is the arrangement of the harmonics. The BP10 is exclusively an effect for the bass guitar, designed to control the attack and sustain of the envelope. Compressors and limiters are usually used for recording or guitar. When attempting to use a compressor on a bass that was designed for a guitar, the attack breaks up and the sound is dull overall. The BP10 has overcome this. It not only controls the attack time and sustain, but it also exhibits ultra low noise qualities (-107dBv), so that it is valuable as at home, in the studio, at it is live.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	12dBv
MAXIMUM OUTPUT LEVEL	10dBv
ATTACK TIME	2ms-9.5ms
COMPRESSION RANGE	35dB
EQUIVALENT INPUT NOISE	-105dBv(RHF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
POWER REQUIREMENT	6mA(DC/9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC 109 9V AC ADAPTER



## BS10 BASS STACK

The BS10 has a special low "tuned" EQ for an emphasized attack and also offers varied overdriven sounds for additional punch. The dry sound is mixed with the overdriven sound to maintain the fundamental characteristics of the instrument.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM OUTPUT LEVEL	4dBv
MAXIMUM GAIN	45dB
EQUIVALENT INPUT NOISE	-120dBv(RHF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
POWER REQUIREMENT	7mA(DC/9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	380g
OPTION	AC109 9V AC ADAPTER



## BE10 GRAPHIC BASS EQ

There are two primary factors that determine the quality bass sound. One is the arrangement of the harmonics within the spectrum. The other is the attack and sustain of the envelope. The BE10 is an effect designed to vary the harmonics within the spectrum of a bass guitar. On a bass guitar, the open 4th string is 41Hz. A standard guitar EQ that starts at 100Hz cannot effectively control the 4th string. The BE10 ranges from 63Hz to 5kHz. It is specially suited for the frequency range of a bass guitar. It emphasizes the driving low notes that only the Bass can produce.

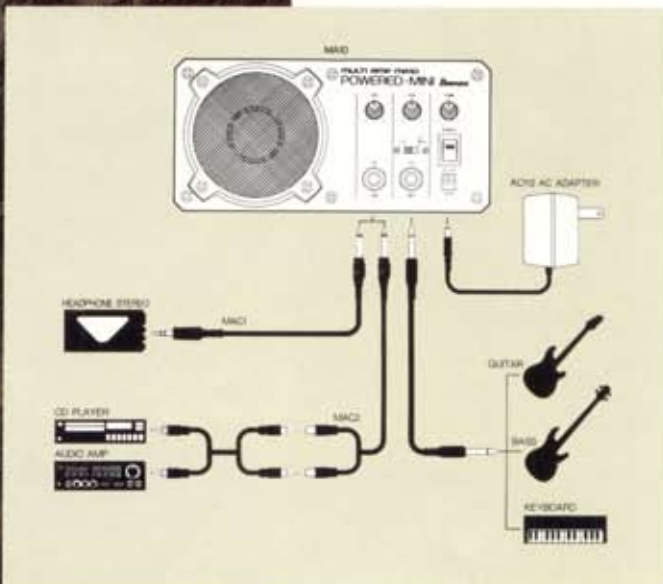
<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM INPUT LEVEL	+4dBv
MAXIMUM OUTPUT LEVEL	+3dBv
FILTER FREQUENCY	63, 125, 250, 500, 1k, 2.2k, 5k (Hz)
FILTER CONTROL RANGE	-15dB
LEVEL CONTROL RANGE	+15dB
EQUIVALENT INPUT NOISE	-107dBv(RHF-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
POWER REQUIREMENT	17mA(DC/9V)
SIZE	125(D) x 70(W) x 54(H)mm
WEIGHT	400g
OPTION	AC109 9V AC ADAPTER



## MA10 MULTI AMP "POWERED-MINI"

The MA10 is a small, portable, personal use musical instrument amplifier. It features a variable input which accepts either a guitar, bass or keyboard and a line input for use with a cassette tape or CD player. Dual level controls for both instrument and line inputs allow you to play along with your favorite songs, or use the MA10 as the "power amp" for your personal cassette or FM radio by using the LINE INPUT by itself. What's more, the MA10 is mic stand mountable allowing you to use it as a mini stage monitor.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE/LEVEL	100k $\Omega$ / -10dBv
LINE	500k $\Omega$ / -20dBv
INST	500k $\Omega$ / -20dBv
POWER OUTPUT	5W(RMS)
SPEAKER	9cm(3 1/2")
TONE	2 BAND (EQ/LOW, HIGH)
POWER SUPPLY	12V 500mA AC ADAPTER
SIZE	210(W) x 105(H) x 150(D)mm
WEIGHT	1.1kg
ACCESSORY	AC112 12V ADAPTER
OPTION	MAC1 STEREO MINI PLUG-MONO PLUG CABLE MAC2 PH PLUG (FEMALE)-MONO PLUG CABLE



**Ibanez**





**NEW**

## WF10 WAH/FUZZ PEDAL

The WF10 combines the sound of a wah-wah and a fuzz in one pedal. It may be used just as a wah, or as a combination unit by switching the fuzz in. This can be done with the on board switch, or using an external footswitch.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM OUTPUT LEVEL	+8dBv
<b>WAH PEDAL</b>	
WAH RANGE	350Hz-2.2kHz
WAH DEPTH	+6dB-+20dB
<b>FUZZ</b>	
MAXIMUM GAIN	+32dB
EQUIVALENT INPUT NOISE	95dBv(9F-A)
POWER SUPPLY	ONE 9V BATTERY (5-006P/ALKALINE) OR AC ADAPTER
<b>POWER REQUIREMENT</b>	
SIZE	10mA(DC9V)
SIZE	89(W) x 55-84(H) x 200(D)mm
WEIGHT	520g
OPTION	AC109 9V AC ADAPTER



## WH10 WAH PEDAL

The Ibanez WH10 wah wah pedal is a truly unique effect over most wah wah pedals. Its uniqueness lies in the outboard parameter controls that ordinary wah wahs do not have. These controls allow you to work in two different frequency ranges giving the effect versatility for both bass guitar and guitar. In addition, there is a DEPTH control which controls the "depth" or gain of the wah wah effect from +6dB to +20dB which also allow you to use the WH10 as a frequency boost equalizer.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$
OUTPUT IMPEDANCE	< 1k $\Omega$
MAXIMUM OUTPUT LEVEL	+4dBv
<b>WAH RANGE</b>	
GIUITAR	350Hz-2.2kHz
BASS	175Hz-1.9kHz
<b>WAH DEPTH</b>	
EQUIVALENT INPUT NOISE	+6dB-+20dB
POWER SUPPLY	95dBv(9F-A)
<b>POWER REQUIREMENT</b>	
SIZE	6mA(DC9V)
SIZE	89(W) x 55-84(H) x 200(D)mm
WEIGHT	490g
OPTION	AC109 9V AC ADAPTER



## VL10 STEREO VOLUME PEDAL

In addition to the obvious function as a volume pedal, the VL10 has unique features that make it possibly the most versatile volume pedal available. Operating as a volume pedal, mono or stereo signals can be adjusted live by raising or lowering the pedal. A minimum volume control allows a preset lowest volume to be achieved in the up position. The tuner output sends the signal out regardless of pedal position. Most unique is the balancer mode, which allows the player to actually mix or pan two signals while playing. The VL10 works well with all instruments, without tonal coloration or high frequency loss.

<b>SPECIFICATIONS</b>	
INPUT IMPEDANCE	500k $\Omega$ (main, minimum volume MAX)
MODE SW	VOLUME/BALANCER
MIN VOL	0-50% (per maximum level)
SIZE	89(W) x 55-84(H) x 200(D)mm
WEIGHT	435g

All specifications subject to change without notice or obligation.

# ACCESSORIES



## AC109 AC ADAPTER

The AC109 AC adapter is the optional power supply available for all "Power Series" Effects. It is a 200mA regulated power supply that is suggested for extended use situations.

NOTE: The use of any AC adapter, other than the AC109 may damage or impede the performance of any "Power Series" effect.



## DC4 DC CORD

The DC4 operates as an extension cord to power up to 4 "Power Series" effects from one AC109. Please note that the AC109 and DC4 combination are rated at 200mA current capacity and exceeding this may damage the effects, or effect their performance.

## CN104 / CN404 CONNECTION CABLE

Color connection cable for Power Series.  
CN104 - 4 inch(10cm) x 4 pcs.  
CN404 - 1-1/4 inch(40cm) x 4 pcs.



## MAC1 CABLE

This cable goes from stereo mini plug to 1/4" mono phone plug.



## MAC2 CABLE

This cable goes from stereo RCA pin plugs to a 1/4" mono phone plug.



## DAT6 DIGITAL AUTO TUNER

Simplicity, convenience and most of all, accuracy. This was the foundation for the Ibanez DAT6 Digital Auto Tuner. With operation for guitar and bass equally simple, just plug in your instrument (or use the built-in microphone for acoustics) and pick a string. The DAT6 digitally samples the signal, identifies the string and key and displays it on an easy to read, specially designed meter. The DAT6 is illuminated so tuning on a dark stage will never be a problem.

## PB4 PEDAL BAG

Ibanez finally designed an effect pedal bag for musician. It has 3 compact effect container straps and one straps for Volume pedal or Wah pedal. Also there are enough space for cables and other footswitches.



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