

ELECTRONIC
ACCESSORIES
FOR
THAT GOOD SOUND

Ibanez

The new Ibanez AD-190 Time Machine takes advantage of the latest advances in analog delay technology to bring you a unit of outstanding performance at a very modest cost.

TIME MACHINE Electronic Delay With Flanger AD190

Delay Time

Delay: 18 m sec to
480 m sec

Input Impedance

Flanger: 2.5 k ohm to
12.5 k ohm

Output Impedance Equivalent Input Noise

-20 dB: 100K ohm
-35 dB: 500K ohm
-50 dB: 1K ohm

Power Supply

Less than 5K ohm
-85 dB (Input shorted
10V A.C.)

Dimensions

117 Volt, 220-240
Volt, A.C.

Weight

242 mm x 141 mm x
85 mm
2.2 kg



Pro Audio Components

ANALOG DELAY & MULTI FLANGER AD-3000

Inputs

80-2 500K ohm unbalanced
1/4" phone jack *28.5k-10 ohm
LO-Z 600 ohm balanced XLR
connector

Output

80-2 500 ohm unbalanced 1/4"
phone jack 0 ohm Max
LO-Z 600 ohm balanced XLR
connector 0 ohm Max

Distortion

Dist: 0.1% 400 Hz -20 dBm

Input Noise

Delay: 25-400 Hz -20 dBm
-101 dBm (Input shorted 10V
A.C.)

Delay EQ

Flat: 112 dB 70 Hz
120 Hz: 112 dB + 6 dB

Flanger

1-15 m sec 10 KHz

Delay

9-15 m sec 10 KHz

Flanger

15-17 m sec 10 KHz

Flanger

11-11 m sec 10 KHz

Flanger

75-110 m sec 10 KHz

Flanger

100-200 m sec 10 KHz

Flanger

200-400 m sec 10 KHz

Power Supply

117 Volt, 220-240 Volt, A.C.

Automatic

450 mm x 300 mm x 85 mm

Weight

2.4 kg



Multi-Effects Rack-The Pro's Choice



MULTI-EFFECTS UE-400

Details

Input Impedance	Standard Effects, FET
Output Impedance	Electronic Switch
External Effect Loop	500K, ohms
Send Impedance	100K ohms
Receive Impedance	200K, ohms
Compressor	
Compression Range	40 dB
Phaser	
Gain	0 dB
Sweep Speed	0.1 Hz - 10 Hz
Distortion	
Max Input Gain	40 dB
Chorus/Tremolo	
Sweep Speed	0.05 Hz - 11 Hz
Delay Time	1.5 to 12.8 ms
Power Supply	117 Volt, 220-240
Dimensions	100, A/C
	482 mm x 249 mm
	x 89 mm
Weight	
Unit	3.9 kg
Remote Foot Switch	1.2 kg
Accessories	Remote Foot Switch
	(Included)

MULTI-EFFECTS UE-700

Input Characteristics

- Input Impedance
- 20k to 100k (the unit)
- Input Impedance
- 20k to 100k (the unit)
- Maximum Input Level
- 100 dB

Output Characteristics

- Low Impedance Output
- High Impedance Output
- Maximum Output Level
- 100 dB

External Effects Send/Receive Characteristics

- External Effects Send
- Impedance
- External Effects Receive
- Impedance

Phase Shift Characteristics

- Maximum Input Level
- Equivalent Input Noise

LFO Speed

- Compressor Characteristics

- Maximum Input Level
- Compression Range
- Equivalent Input Noise

Distortion Characteristics

- Maximum Input Level
- Maximum Amplification
- Equivalent Input Noise

Tremolo Characteristics

- Maximum Input Level
- LFO Speed
- Equivalent Input Noise

Unbalanced
100k, ohms
Unbalanced
100K, ohms
100 dB

Unbalanced
100 ohms
Unbalanced
100, ohms
100 dB

Unbalanced
100 ohms
Unbalanced
100, ohms
100 dB

15 dB
-80 dB (Input
shorted 100 A
Circuit)

15 dB
-80 dB (Input
shorted 100 A
Circuit)

0 dB
40 dB
-100 dB (Input
shorted 100 A
Circuit)

0 dB
0.05 Hz - 5.5 Hz
-80 dB (Input
shorted 100 A
Circuit)

Graphic Equalizer Characteristics

- Maximum Input Level
- Frequency
- Maximum Level Boost/Cut
- Equivalent Input Noise

Power Supply

117 Volt, 220-240 Volt, A.C.



Dimensions
Weight
Unit
Remote Foot Switch
Accessories

440 mm x 240 mm x 100 mm
5.6 kg
2.0 kg
Remote Foot Switch
(Included)
Remote Foot Switch Case
(Included)

FLANGER FL-301

Controls: Speed, Width, Regen
Switch: Normal, Off/Boost
FET Electronic Switch
Input Impedance: 500K ohms
Output Impedance: 100K ohms
Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)
Delay Range: 1-5 ms - 12 ms
Control Speed: 0.007 Hz - 12 Hz



Maximum Input Level: +4 dBm
Gain: 0 dBm
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

GRAPHIC EQUALIZER GE-601

Switch: Normal, Off/Boost
FET Electronic Switch
Input Impedance: 500K ohms
Output Impedance: 10K ohms
Maximum Boost/Cut: +12 dB
Maximum Gain: -12 dB
Equivalent Input Noise: -101 dBm
(Input shorted BIF A Curve)



Frequencies: 100, 200, 400, 600 Hz,
1.2K, 2.2K, 3.2K, 4.2K, 5.2K, 6.2K, 7.2K, 8.2K, 9.2K, 10K Hz
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

PHASE TONE PT-909

Controls: Speed, Width, Feedback
Input Impedance: 1M ohm
Output Impedance: 10K ohms
Equivalent Input Noise: -8 dBm
Gain: 0 dBm
Delay Range: 0.2 Hz - 14 Hz
Band Width: 20 Hz - 20 KHz



Equivalent Input Noise: -8 dBm
(Input shorted BIF A Curve)
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

TUBE SCREAMER Overdrive Pro. TS-808

Controls: Overdrive, Balance, Tone
Switch: Normal, Off/Boost
FET Electronic Switch
Input Impedance: 500K ohms
Output Impedance: 10K ohms
Maximum Gain: 30 dB



Maximum Output Level: 0 dBm
Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

OVER DRIVE OD-850

Controls: Distortion, Balance, Tone
Input Impedance: 1M ohm
Output Impedance: 10K ohms
Maximum Gain: 45 dB
Maximum Output Level: 0 dBm



Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

COMPRESSOR CP-830

Controls: Ratio, Level
Input Impedance: 470K ohms
Switch: Normal, Off/Boost
Output Impedance: 10K ohms
Maximum Input Level: +1 dBm
Maximum Output Level: 0 dBm
Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)



Compression Range: 40 dB
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

OVER DRIVE II OD-855

Controls: Distortion, Balance, Tone
Input Impedance: 1M ohm
Output Impedance: 10K ohms
Maximum Gain: 40 dB
Maximum Output Level: 0 dBm



Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

COMPRESSOR II CP-835

Controls: Ratio, Level
Input Impedance: 1M ohm
Switch: Normal, Off/Boost
Output Impedance: 10K ohms
Maximum Input Level: -10 dBm
Compression Range: 40 dB



Equivalent Input Noise: -80 dBm
(Input shorted BIF A Curve)
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

PHASE TONE II PT-707

Controls: Speed, Feedback
Input Impedance: 470K ohms
Output Impedance: 10K ohms
Gain: 0 dB



Maximum Input Level: +5 dBm
Equivalent Input Noise: -80 dBm
(Input shorted BIF A Curve)
Control Speed: 0.2 Hz - 14 Hz
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g

POWER EQUALIZER GE-300

Input Impedance: 470K ohms
Output Impedance: 10K ohms
Gain: 0 dB (Filter Flat)
0 dB (Normal)
Maximum Input Level: 1 dBm (Level = 0)
Maximum Output Level: 17 dBm (Level = 0)



Equivalent Input Noise: -100 dBm
Maximum Level Boost/Cut: 120 dB
Maximum Boost/Cut: +12 dB
Frequencies: 100 Hz, 400 Hz, 1.2 KHz,
2.2 KHz, 3.2 KHz, 4.2 KHz, 5.2 KHz, 6.2 KHz, 7.2 KHz, 8.2 KHz, 9.2 KHz, 10 KHz
Power Supply: 9000P 9 Vdc 1 pc
Size: 120 mm x 70 mm x 35 mm
Weight: 300 g



DOUBLE SOUND No. 84

Input Impedance: 10K ohms
(Pass)
Output Impedance: 10K ohms
(Push-Stub)
Maximum Input Level:
40 dBm (Push-Stub)

Maximum Output Level:
+10 dBm (Push-Stub)
-5 dBm (Pass)
Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)
Power Supply: 9000PF 9 Volt 1 pc
Weight: 1.8 kg



BLUBBER Crying Baby Machine No. 93

Input Impedance: 1M ohms
Output Impedance: 100K ohms
Maximum Input Level: 4 dBm
Maximum Output Level: 10 dBm
Equivalent Input Noise: -95 dBm
(Input shorted BIF A Curve)
Power Supply: 5000PF 9 Volt 1 pc
Weight: 1.1 kg



FUZZ MACHINE No. 59

Input Impedance: 100K ohms
Output Impedance: 100K ohms
Power Supply: 5000PF 9 Volt 1 pc
Weight: 1 kg



GRAPHIC EQUALIZER GE-500

Input Impedance: 10K ohms
Output Impedance: 1K ohms
Maximum Input Level: +10 dBm
Maximum Output Level: +16 dBm

Equivalent Input Noise: -99 dBm
(Input shorted BIF A Curve)
Maximum Bandwidth: +12 dB
Frequency: Low (100 Hz), Low-Mid
(200 Hz), Mid (400 Hz),
10 Mid (1.5 kHz), Hi (3 kHz)
Power Supply: 9000PF 9 Volt 1 pc
Weight: 1.2 kg



WAH-WAH PEDAL No. 57

Input Impedance: 100K ohms
Output Impedance: 100K ohms
Power Supply: 5000PF 9 Volt 1 pc
Weight: 1.5 kg



WAH-WAH FUZZ PEDAL No. 58

Input Impedance: 100K ohms
Output Impedance: 100K ohms
Power Supply: 5000PF 9 Volt 1 pc
Weight: 1.5 kg



FLANGER FL-305

Control: Speed, Width, Reg.
Delay Time,
Delay Level

Input Impedance: 470K ohms
Output Impedance: 10K ohms
Gain: 0 dB
Maximum Input Level: -5 dBm
Equivalent Input Noise: -80 dBm
(Input short BIF A Curve)

Control Speed: 0.02 - 9 Hz
Delay Time: 0.5 - 10 ms
Power Supply: 3000PF 9 Volt 1 pc
Power Consumption: 140 mW
Weight: 1.35 kg



GRAPHIC EQUALIZER GE-1000

Input Impedance: 100K ohms
Output Impedance: 10K ohms
Gain: +6 dB
Maximum Input Level: +10 dBm
Maximum Output Level: 10 dBm
Equivalent Input Noise: -100 dBm
(Input shorted BIF A Curve)

Maximum Bandwidth: +12 dB
Gain: 0 dB (+6 dB Defeat)
Frequency: 10, 20, 40, 80, 120,
250, 500 Hz,
1K, 2K, 4K, 8K,
16 kHz
Power Supply: 117 Volt, 230-240 Volt, A.C.
Weight: 1.0 kg