DG Amplifiers

With the power of Yamaha's ECM (Electric Circuit Modeling) Technology at your fingertips, the scope of sound creating possibilities is blown wide open. ECM technology and a very powerful chip developed by Yamaha allow the DG series guitar amplifiers to create realistic tube tone. Not just one kind of tube tone, but a wide variety of tones. Tone that is full of warmth, attack, dynamic range and all those little details that give your sound life. And getting that tone is easy too. A user-friendly interface lets you create sound the way you're used to, by turning knobs. It's that simple.

DG-Stomp NEW

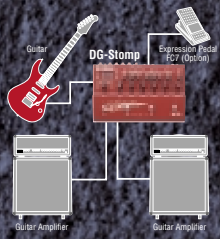
GUITAR PRE-AMPLIFIER WITH EFFECTS

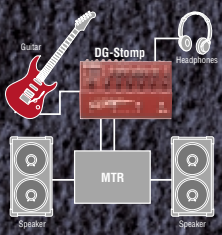
The Power and Performance of the DG Series in a Stomp Box

APPLICATIONS

Live Performance

The power and performance of Yamaha's DG technology will propel you into the spotlight.



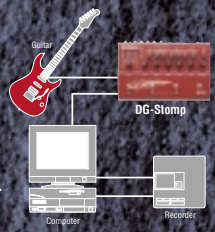


Home Studio

Wide selection of amp types, speaker simulation, excellent audio quality and compact size delivers maximum versatility and cost performance.

Digital Recording

Digital OUT jack offers direct digital connection to a computer, digital mixer or recorder for maximum sonic performance.



90 Presets

The DG-Stomp's 90 preset tone settings contain a wide variety of sounds created especially for the DG-Stomp by tone creators from the United States, Britain and Germany.

Digital Out

For the utmost in audio quality, the digital out delivers digital data directly to a computer, digital mixer, digital recorder or any other device capable of handling digital audio.

Speaker Simulator

16 speaker simulation types apply the characteristics of a live speaker to the line signal. This allows you to plug and play directly into a mixer without loosing the live ambience that a speaker provides.

Built-in Tuner

The built-in **chromatic tuner** utilizes the display and five of the effect button lamps to help you accurately tune your guitar to any pitch.

Tap Function

Takes the guesswork out of syncing delay times to the song's tempo. Just tap on the switch in tempo and the DG-Stomp will calculate the proper delay time instantaneously.

Expression Pedal

(Option FC7)

With an expression pedal connected to the DG-Stomp you can control specified parameters in real-time. Control volume, tone and effect settings or even use it as a **Wah-Wah**.

SPECIFICATIONS

Digital Section
- Full Digital Signal Processing • 8 Channel Preamp • Digital Effects
- Compressor • Chorus, Flanger, Phaser, Rotary Speaker, Tremolo
- Digital Delay, Tape Echo • Spring Reverb, Hall Reverb, Plate Reverb
- Tap Tempo Function (Delay Time) • Speaker Simulator (16 Types)
- External Controller Function (EXP Pedal/MIDI): 8

Controllers/Parameters
- Wah Function • Tuner Function (Chromatic, Auto)

MIDI Functions	
Receive	Program Change (Program Change Table can be created), Control Change, Bulk In
Transmit	Program Change, Control Change, Bulk Out, Merge Out
Controller Switch	
Top Panel	UP, DOWN, MANUAL, UTILITY, STORE, COMP, CHORUS, FLANGER, PHASER, ROTARY, TREMOLO, DELAY, TAPE ECHO, SPRING, HALL, PLATE, SP. SIM, AMP SELECT, GAIN, MASTER, TREBLE, MIDDLE, BASS, PRESENCE, COMP, SPEED, DEPTH, TIME, FEEDBACK, LEVEL, REVERB, OUTPUT, 1, 2, 3 BANK
Rear Panel	STAND-BY ON/OFF, INPUT, LOW/HIGH
Display	7 Segment LED (3 digit) × 1, Push Switch LED × 17, Foot Switch LED × 4
Connections/Jacks	• INPUT • OUTPUT L/MONO, R • PHONES • EXP. PEDAL • STEREO PHONE JACK • DIGITAL OUT • MIDI IN, MIDI OUT

A/D Converter	20 bit + 3 bit Floating
D/A Converter	20 bit
Sampling Frequency	48 kHz
Memory Allocations	Preset: 90 User: 90
Input Level/Impedance (When using preamp bypass)	INPUT HIGH: –25dBm/1MΩ INPUT LOW: –15dBm/1MΩ
Output Level/Impedance	OUTPUT L/MONO, R: 0dBm/1kΩ PHONES: 0dBm/47Ω (47Ω load)
Power	Exclusive Power Adaptor (AC-10) AC Output: AC12V, 1000mA
Power Consumption	15W
Dimensions (W×H×D)	280 × 70 × 184mm (11 × 2-3/4" × 7-1/4")
Weight	2.2kg (4.85 lbs)
Accessories	Power Adaptor (AC-10)

** Specifications and design subject to change without notice.*

The DG series' "Model A" lineup features a powerful digital effects section that includes Chorus, Tremolo, Reverb and Tape Echo effects. Also included are 80 preset tone "patches" that deliver a wide range of tone settings for today's demanding guitarists.

(If you're the owner of an older DG Amp, you can upgrade your amplifier to "Model A" specs. Check out our homepage, listed on the next page, for details on the download.)

DG80-112A

Eight presets offer the basic tonal ingredients the knobs let you do the rest. A total of 80 factory "patches" give you a wide variety of tone settings to start with and there's plenty of additional room for storing the sounds you've created on your own. An onboard digital effects section features Chorus, Tremolo, Reverb, Simulated Spring and Tape Echo effects. Mounted in the sturdy enclosure is a single Celestion "G12H-100" 12-inch speaker that is driven by 80-watts of quality power.

DG80-210A

The DG80-210A features the same DG preamp, complete with onboard digital effects section, as the DG80-112A. A high quality 80-watt amplifier drives a pair of 10-inch Celestion "V10-60" speakers for faithful reproduction of tones you've created. All components are mounted in a sturdy enclosure that is compact and easy to transport.

DG100-212A

The DG100-212A offers the DG sound in a classic combo amp configuration. A generous 100-watt, high quality power amplifier is used to drive the twin Celestion "Vintage 30" speakers for accurate reproduction of the DG100-212A's rich tube tone. Along with the DG preamp, all components are fitted into a rugged chassis complete with large caster wheels.

DG130HA

The DG130HA offers the DG preamp section, complete with digital effects, combined with a high quality 130-watt power amplifier to those that like separate head and speaker units. Match it with the S412V Speaker Enclosure (shown on the next page) for a combination that provides maximum power and versatility.

SPECIFICATIONS

Digital Section	Complete Digital Signal Processing Internal 8 Channel Preset Digital Reverb (SPRING, HALL, PLATE) Digital Effects (Chorus, Tremolo, Tape Echo) Speaker Simulator (LINE OUT)	
Analog Section	**DG80-210A:**	80W (8Ω) Solid State Power Amp 25 cm Speaker (Celestion V10-60) x 2
	DG80-112A:	80W (8Ω) Solid State Power Amp 30 cm Speaker (Celestion G12H-100) x 1
	DG100-212A:	100W (4Ω) Solid State Power Amp 30 cm Speaker (Celestion Vintage 30) x 2
	DG130HA:	130W (4Ω) Solid State Power Amp
MIDI Function	**Receive** : Program change, Control Change (No. 7, 91, 92, 93, 94), Bulk In **Transmit :** Bulk Out, Merge Out	
Controller/Switch	**Front Panel** :	TRIM, OUTPUT, GAIN (TREMOLO SPEED), MASTER (TREMOLO DEPTH), TREBLE (CHORUS SPEED), HIGH MID (CHORUS DEPTH), LOW MID (CHORUS LEVEL), BASS (TAPE ECHO TIME), PRESENCE (TAPE ECHO FEED BACK), REVERB (TAPE ECHO LEVEL)
	Rear Panel :	LINE OUT volume, EFFECT BLEND
	Switch :	AMP SELECT (LEAD1, LEAD2, DRIVE1, DRIVE2, CRUNCH1, CRUNCH2, CLEAN1, CLEAN2), REVERB, MODE, ⊡, ⊡, STORE, RECALL
Display	AMP SELECT display LED x 8/MODE display LED x 3 REVERB type display x 3/7 segment LED x 2 digits	
Indicator	Trim Level Display LED (Green) / Trim Clip Display LED (Red)	
Connection Jacks	INPUT HIGH/LOW: Standard Phone Mono Jack SPEAKER (DG80-210A: x2, DG80-112A: x2, DG100-212A: x1, DG130HA: x2): Standard Phone Mono Jack EFFECT SEND/RETURN: Standard Phone Mono Jack LINE OUT: Cannon Jack MIDI IN, MIDI OUT: 5 pin DIN	
A/D Converter	20 bit	
D/A Converter	20 bit	
Sampling Frequency	48 kHz	
Memory Number	128	
Input Level/Impedance	INPUT HIGH: –30dBm (THRU)/1MΩ INPUT LOW: –20dBm (THRU)/ 1MΩ EFFECT RETURN: 0dBm/120kΩ	
Output Level/Impedance	**DG80-210A:**	SPEAKER: 80W RMS/8Ω, 100W RMS/4Ω LINE OUT: +4dBm/600Ω EFFECT SEND: 0dBm/2.2kΩ
	DG80-112A:	SPEAKER: 80W RMS/8Ω, 100W RMS/4Ω LINE OUT: +4dBm/600Ω EFFECT SEND: 0dBm/2.2kΩ
	DG100-212A:	SPEAKER: 100W RMS/4Ω LINE OUT: +4dBm/600Ω EFFECT SEND: 0dBm/2.2kΩ
	DG130HA:	SPEAKER: 130W RMS/4Ω LINE OUT: +4dBm/600Ω EFFECT SEND: 0dBm/2.2kΩ
Power Requirements	U.S. and Canadian models : 120V, 60Hz General model : 230V, 50Hz	
Power Consumption	**DG80-210A:**	100W
	DG80-112A:	100W
	DG100-212A:	100W
	DG130HA:	140W
Dimensions (W x H x D)	**DG80-210A:**	595 x 471 x 284 mm (23.43" x 18.5" x 11.2")
	DG80-112A:	542 x 510 x 284 mm (21.3" x 20.1" x 11.2")
	DG100-212A:	712 x 574 x 284 mm (28" x 22.6" x 11.2") w/Caster
	DG130HA:	711 x 250 x 284 mm (28" x 9.8" x 11.2")
Weight	**DG80-210A:**	26.0 kg (57 lbs 5 oz)
	DG80-112A:	25.0 kg (55 lbs 2 oz)
	DG100-212A:	33.5 kg (73 lbs 13 oz)
	DG130HA:	18.0 kg (39 lbs 11 oz)

** Specifications and design may change without notice.*

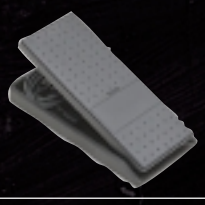
MIDI Foot Controller

MFC10

for DG80-112A, DG80-210A, DG100-212A, DG130HA, DG60FX-112 and DG Stomp

Foot Controller

FC7 **for DG Stomp, DG60FX-112**



DG Amplifiers

Foot Controler Included

DG60FX-112 Guitar Amplifier

The new DG60FX-112 utilizes the power of the DG-Stomp as its preamp section, and combines it with a 60-watt amplifier driving a single 12-inch speaker. The amplifier comes complete with a special foot control unit that allows selection of the "patches" and on-board effects.

DG60FX-112 Specifications

■ **Digital Section:** • Full Digital Signal Processing • 8 Channel Preamp • Digital Effects (Compressor, Chorus, Flanger, Phaser, Rotary Speaker, Tremolo, Digital Delay, Tape Echo, Spring Reverb, Hall Reverb, Plate Reverb) • Tap Tempo Function (Delay Time) • Speaker Simulator (16 Types) • External Controller Function (EXP Pedal/MIDI): 8 Controllers/Parameters • Wah Function • Tuner Function (Chromatic, Auto) ■ **Analog Section:** • 60 W Solid State Power Amp • 30 cm Speaker (EMINENCE) x 1 ■ **MIDI Functions:** • Receive (Program Change, Control Change, Bulk In) • Transmit (Program Change, Control Change, Bulk Out, Merge Out) ■ **Switch:** UP, DOWN, MANUAL, UTILITY, STORE, COMP, CHORUS, FLANGER, PHASER, ROTARY, TREMOLO, DELAY, TAPE ECHO, SPRING, HALL, PLATE, SP. SIM ■ **Controller:** AMP SELECT, GAIN, MASTER, TREBLE, MIDDLE, BASS, PRESENCE, COMP, SPEED, DEPTH, TIME, FEEDBACK, LEVEL, REVERB, OUTPUT ■ **Connections/Jacks:** INPUT HIGH, LOW, LINE OUT L/MONO, R, PHONES, POWER AMP IN, DIGITAL OUT, MIDI IN, MIDI OUT ■ A/D Converter: 20 bit + 3 bit Floating ■ **D/A Converter:** 20 bit ■ **Sampling Frequency:** 48 kHz ■ **Memory Allocations:** Preset (90), User (90) ■ **Power:** • U.S. and Canadian models : 120V, 60Hz • General model : 230V, 50Hz ■ **Power Consumption:** 70 W ■ **Dimensions (WxHxD):** 513 x 491 x 291 mm (20.2" x 19.3" x 11.5") ■ **Weight:** 17 kg (37 lbs 8 oz)

Foot Switch Unit

■ **Connections/Jacks:** EXP. PEDAL (Standard Stereo Phone Jack) ■ **Dimensions (WxHxD) :** 280 x55 x108 mm (11.0" x 2.2" x 4.3") ■ **Weight:** 930 g (2 lbs 1 oz)

DG60-112 Guitar Amplifier

The DG60-112 features two independent channels each equipped with a full complement of tone controls. Two 8-position knobs, one for each channel, offer easy access to the preset amplifier types and a digitally simulated spring reverb provides additional ambience when needed. The DG60-112's tone is faithfully reproduced with a 60-watt amplifier driving a single 12-inch speaker, all fitted in a compact, easy to transport unit.

DG60-112 Specifications

■ **Digital Section:** Complete Digital Signal Processing, Internal 8 Channel Preset, Digital Reverb (SPRING), Speaker Simulator (LINE OUT) ■ **Analog Section:** 60W (8Ω) Solid State Power Amp, 30 cm Speaker (EMINENCE) × 1 ■ **Controller/Switch:** • **Front Panel :** GAIN, MASTER, TREBLE, HIGH MID, LOW MID, BASS, PRESENCE, REVERB • **Rear Panel :** EFFECT BLEND • **Switch :** AMP select switch, for each channel (A/B), Channel select switch (A/B), SP MUTE switch, EFFECT SEND/RETURN level switch ■ **Indicator:** Peak Level Display LED (Red) ■ **Connection Jacks:** • **INPUT HIGH/LOW**: Standard Phone Mono Jack • **EFFECT SEND/RETURN:** Standard Phone Mono Jack • **LINE OUT:** Standard Phone Stereo Jack • **FOOT SW (CH SELECT, REVERB):** Standard Phone Mono Jack ■ **A/D Converter:** 20 bit + 3 bit floating ■ **D/A Converter:** 20 bit ■ **Sampling Frequency:** 48 kHz ■ **Input Level/Impedance:** • **INPUT HIGH:** –20dBm (THRU)/1MΩ • **INPUT LOW:** –10dBm (THRU)/1MΩ ■ **Output Level/Impedance:** • **SPEAKER:** 60W RMS/8Ω • **LINE OUT:** +2dBm/47Ω • **EFFECT SEND:** -2dBm/1kΩ ■ **Power Requirements:** • **U.S. and Canadian models:** 120V, 60Hz • **General model:** 230V, 50Hz ■ **Power Consumption:** 70W ■ **Dimensions (W×H×D):** 542 × 504 × 276mm (21.3" × 19.8" × 10.9") ■ **Weight:** 18.0 kg (39 lbs 11 oz)

Hiram Bullock

http://www.hirambullock.com/

Doyle Bramhall

Doyle plays with Eric Clapton/ BB king and Roger Waters.

http://www.doylebramhall.com/frontpage40.htm

DG-1000 Guitar Pre Amplifier

This is where it started. The DG-1000 preamp delivers rich tube tone with its ECM technology. Match its sound capabilities with components of your liking for a truly personalized sound.

DG-1000 Specifications

■ **A/D Converter:** 20 bit + 5 bit Floating ■ **D/A Converter:** 20 bit ■ **Sampling Frequency:** 48kHz ■ **Memory:** 128 ■ **Input Impedance:** 1MΩ (Input Jack) ■ **Output Impedance:** 1kΩ (Output Jack) ■ **Controllers:** • **Analog:** TRIM, OUTPUT • **Digital:** GAIN, MASTER, TREBLE, HIGH MID, LOW MID, BASS, PRESENCE, AMP SELECT (LEAD1, LEAD2, DRIVE1, DRIVE2, CRUNCH1, CRUNCH2, CLEAN1, CLEAN2), ⚄, ⚅, STORE, RECALL, MIDI ■ **Display:** AMP SELECT display LED × 8, MODE display LED × 3, 7 Segment LED × 2 digits ■ **Indicator:** TRIM level display LED (green) TRIM clip display LED (red) ■ **Power Requirements:** U.S. and Canadian models : 120V, 60Hz General model : 230V, 50Hz ■ **Power Consumption:** 20Watts ■ **Dimensions (W×H×D):** 480 × 89 × 275 mm (18.9" × 3.5" × 10.8") ■ **Weight:** 6.0 kg (13 lbs. 4 oz)

Ty Tabor
(King's X)
http://www.tytabor.com/
http://www.kingsx.net/

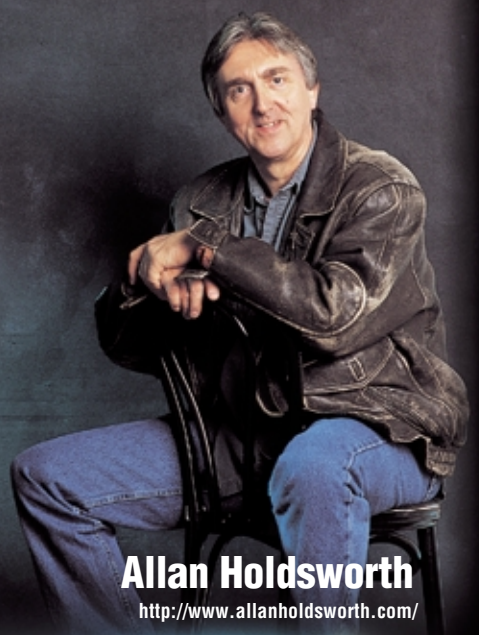
S112 Speaker Enclosure

A single Celestion "G12H-100" 12-inch speaker mounted in the S112's rugged enclosure provides excellent full range tone. Stacked with a DG80-112A will give your system more presence both sonically and visually.

S112 Specifications

■ **Speakers:** 30cm speaker (G12H-100) × 1 • **Speaker Size:** 30cm (12") • **Voice Coil Size:** 44ø mm • **Magnet:** Ferrite 1.42kg (50oz) • **Frequency Range:** 82Hz-5.5kHz • **Sensitivity:** 100dB (1m/W) • **Power Rating:** 100W (RMS) • **Nominal Impedance:** 8Ω • **Fundamental Frequency:** 82Hz ■ **Dimensions (W×H×D):** 542 × 510 × 284mm (21.3" × 20" × 11.2") ■ **Weight:** 16 kg (35 lbs 4.4 oz) ■ **Accessory:** Speaker Cable

DG80-112A+S112



Allan Holdsworth
http://www.allanholdsworth.com/

S412V Speaker Enclosure

Four Celestion "Vintage 30" speakers enclosed in a rugged cabinet provide the utmost in classic tone reproduction.

S412V Specifications

■ **Speakers:** 30cm speaker (Celestion "Vintage 30") × 4 • **Speaker Size:** 30cm (12") • **Voice Coil Size:** 44ø mm • **Magnet:** Ferrite 1.42kg (31lbs 2oz) • **Frequency Range:** 70Hz-5kHz • **Sensitivity:** 100dB (1m/W) • **Power Rating:** 60W (RMS) × 4 • **Nominal Impedance:** 8Ω • **Fundamental Frequency:** 70Hz ■ **Impedance:** 8Ω ■ **Dimensions (W×H×D):** 765 × 820 × 359mm (30.1" × 32.2" × 14.1") (w/casters) ■ **Weight:** 44.0kg (97lbs) (w/casters) ■ **Accessory:** Speaker Cable

DG130HA+S412V

Richie Kotzen
(Mr. Big)
http://richiekotzen.com

Visit our DG homepage at
http://www.yamaha.co.jp/english/product/guitar/dg/
On our homepage you'll find more information and free DG preset data downloads for the DG series amplifiers.