

BR-900CD Additional functions in Version 2

NOTE

This manual describes the new functions available in BR-900CD Version 2. For more information on other features not included in this manual, refer to the BR-900CD Owner's Manual.

Version 2 Features

Includes BOSS GT-PRO COSM Amp Modeling

Version 2 incorporates COSM amp modeling from the world-renowned BOSS GT-PRO professional effects processor. Featuring modeling of 46 different amp types, including the Roland JC-120, the BR-900CD now makes it simple to enjoy a wide variety of amp tones.

Algorithms from the GT-PRO (COSM AMP PRO)

Version 2 now provides new effects algorithms from the GT-PRO. These algorithms have been entitled "COSM AMP PRO."

* Although you can use two different COSM amp models simultaneously with the GT-PRO, the BR-900CD Version 2 supports use of only one type at a time.

The following effects blocks are included in the COSM AMP PRO algorithms.

-[COMP]-[AMP&SP]-[EQ/WAH]=

[NS]-[FV]-[MOD]=[DLY]=

* In case of "Phaser," output will become monaural.

Compressor
Preamp&Speaker Simulator

4Band Equalizer/Wah
- 4Band Equalizer
- Wah

Noise Suppressor

Foot Volume

Modulation

- Flanger
- Chorus
- Phaser
- Pitch Shifter
- Doubling
- Tremolo/Pan
- Slow Attack

Delay

* All effects block parameters other than Preamp&Speaker Simulator are unchanged from the originals. For more detailed information, refer to the Owner's Manual.

Preamp&Speaker Simulator

COSM technology plays an indispensable role in simulating the distinguishing characteristics of various guitar amps in the "Preamp" section, and is also used to simulate various speaker sizes and cabinet constructions in the "Speaker Simulator."

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Parameter/Range	Explanation
Level	
0-100	Adjusts the volume of the entire preamp. * Be careful not to raise the Level setting too high.
Bright	
Turns the bright setting on/off. * Depending on the "Type" setting, this may not be displayed.	
OFF	Bright is not used.
ON	Bright is switched on to create a lighter and crisper tone.
Gain SW	
LOW, MIDDLE, HIGH	Provides for selection from three levels of distortion: LOW, MIDDLE, and HIGH. Distortion will successively increase for settings of "LOW," "MIDDLE" and "HIGH." * The sound of each Type is created on the basis that the Gain is set to "MIDDLE." So, normally set it to "MIDDLE."
Solo SW	
OFF, ON	Switches the tone to one suitable for solos.
Solo Level	
0-100	Adjusts the volume level when the Solo switch is ON.
Type (Speaker Type)	
Select the speaker type.	
OFF	This turns off the speaker simulator.
ORIGINAL	The original speaker configuration designed for the preamp.
1x8"	This is a compact open-back speaker cabinet with one 8-inch speaker.
1x10"	This is a compact open-back speaker cabinet with one 10-inch speaker.
1X12"	This is a compact open-back speaker cabinet with one 12-inch speaker.
2X12"	This is a general open-back speaker cabinet with two 12-inch speakers.
4X10"	This is an optimal speaker cabinet for a large enclosed amp with four 10-inch speakers.
4X12"	This is an optimal speaker cabinet for a large enclosed amp with four 12-inch speakers.
8X12"	This is a double stack of two cabinets, each with four 12-inch speakers.
MicType	
This setting selects the simulated mic type.	
DYN57	This is the sound of the SHURE SM-57. General dynamic mic used for instruments and vocals. Optimal for use in miking guitar amps.
DYN421	This is the sound of the SENNHEISER MD-421. Dynamic mic with extended low end.
CND451	This is the sound of the AKG C451B. Small condenser mic for use with instruments.
CND87	This is the sound of the NEUMANN U87. Condenser mic with flat response.
FLAT	Simulates a mic with perfectly flat response. Produces a sonic image close to that of listening to the sound directly from the speakers (on site).
Dist. (Mic Distance)	
Simulates the distance between the mic and speaker.	
OFF MIC	This setting points the mic away from the speaker.
ON MIC	Provides conditions whereby the mic is directed more towards the speaker.
Mic Pos (Mic Position)	
This simulates the microphone position.	
CENTER	Simulates the condition that the microphone is set in the middle of the speaker cone.
1-10cm	Simulates the condition that the microphone is moved away from the center of the speaker cone.
Mic Level	
0-100	Adjusts the volume of the microphone.
Dir Level (Direct Level)	
0-100	Adjusts the volume of the direct sound from the preamp.

Parameter/Range	Explanation
On/Off	
OFF, ON	Turns the Preamp&Speaker Simulator on/off.
Type	
refer to Type List	This sets the type of the guitar preamp.
Gain	
0-120	Adjusts the distortion of the amp.
Bass	
0-100	Adjusts the tone for the low frequency range.
Middle	
0-100	Adjusts the tone for the middle frequency range.
Treble	
0-100	Adjusts the tone for the high frequency range.
Presence	
0-100	Adjusts the tone for the ultra high frequency range.

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Type List

Type	Explanation
JC CLEAN	
JC-120	This is the sound of the Roland JC-120.
WARM CLN	This gives a mellow, clean sound.
JAZZ CMBO	This is a sound suited to jazz.
FULL RNG	This is a sound with flat response. Good for acoustic guitar.
BRGHT CLN	A bright, clean tone.
TW CLEAN	
CLN TWIN	This models a Fender Twin Reverb.
PRO CRNC	This models a Fender Pro Reverb.
TWEED	This models a Fender Bassman 4 x 10" Combo.
WARM CRNC	This gives a mellow, crunch sound.
CRUNCH	
CRUNCH	This is a crunch sound that can produce natural distortion.
BLUES	This is a sound suited to blues.
WILD CRNC	This is a crunch sound with wild distortion.
STK CRNC	This is a crunch sound with high gain.
COMBO	
VO DRIVE	This models the drive sound of the VOX AC-30TB.
VO LEAD	This models the lead sound of the VOX AC-30TB.
VO CLEAN	This models the clean sound of the VOX AC-30TB.
MATCH DRV	This models the sound input to left input on a Matchless D/C-30.
FAT MATCH	This models the sound of a Matchless with a modified high gain.
MATCH LD	This models the sound input to right input on a Matchless D/C-30.
BG LEAD	
BG LEAD	This models the lead sound of the MESA/Boogie combo amp.
BG DRIVE	This models a MESA/Boogie with TREBLE SHIFT SW on.
BG RHYTHM	This models the rhythm channel of a MESA/Boogie.
SMOOTHDRV	This is a smooth drive sound.
MILD DRV	This is a mellow drive sound.
MS STACK	
MS1959 I	This models the sound input to Input I on a Marshall 1959.
MS1959 II	This models the sound input to Input II on a Marshall 1959.
MS1959 I+II	This models the sound of a Marshall 1959 with Inputs I and II connected in parallel.
MS HIGAIN	This models the sound of a Marshall with a modified midrange boost.
POWER STK	This provides the sound of a stack amp with active type tone circuitry.
R-FIER	
RECT CLN	This models the sound of the Channel 1 CLEAN Mode on the MESA/Boogie DUAL Rectifier.
RECT RAW	This models the sound of the Channel 2 RAW Mode on the MESA/Boogie DUAL Rectifier.
RECT VNT1	This models the sound of the Channel 2 VINTAGE Mode on the MESA/Boogie DUAL Rectifier.
RECT MDN1	This models the sound of the Channel 2 MODERN Mode on the MESA/Boogie DUAL Rectifier.
RECT VNT2	This models the sound of the Channel 3 VINTAGE Mode on the MESA/Boogie DUAL Rectifier.
RECT MDN2	This models the sound of the Channel 3 MODERN Mode on the MESA/Boogie DUAL Rectifier.
T-AMP	
TRI CLN	This models a Hughes & Kettner Triamp AMP1.
TRI CRNC	This models a Hughes & Kettner Triamp AMP2.
TRI LD	This models a Hughes & Kettner Triamp AMP3.
EDGE LEAD	A sharp lead sound.
HiGAIN	
SLDN	This models a Soldano SLO-100.
DRIVE STK	This is a drive sound with high gain.
LEAD STK	This is a lead sound with high gain.
HEAVY LD	A powerful lead sound featuring extreme distortion.

Type	Explanation
METAL	
5150 DRV	This models the lead channel of a Peavey EVH 5150.
METAL STK	This is a drive sound suited to metal.
METAL LD	This is a lead sound suited to metal.

Patch List

No.	Patch Name	Algorithm
P100	BigClean	COSM AMP PRO
P101	TightCln	COSM AMP PRO
P102	FatClean	COSM AMP PRO
P103	TwdCrnch	COSM AMP PRO
P104	WrmCrnch	COSM AMP PRO
P105	Twncrnch	COSM AMP PRO
P106	BluesDrv	COSM AMP PRO
P107	StkCrnch	COSM AMP PRO
P108	VO Clean	COSM AMP PRO
P109	HOT BRIT	COSM AMP PRO
P110	HiGainVO	COSM AMP PRO
P111	DryMatch	COSM AMP PRO
P112	Match Ld	COSM AMP PRO
P113	BG Solo	COSM AMP PRO
P114	SmothDrv	COSM AMP PRO
P115	MildLead	COSM AMP PRO
P116	MS1959Ld	COSM AMP PRO
P117	WideStck	COSM AMP PRO
P118	PowerLd	COSM AMP PRO
P119	TreadAmp	COSM AMP PRO
P120	R-FirMdn	COSM AMP PRO
P121	T-AmpPsr	COSM AMP PRO
P122	Speeding	COSM AMP PRO
P123	EdgeLead	COSM AMP PRO
P124	DrvStack	COSM AMP PRO
P125	Ld Stack	COSM AMP PRO
P126	5150Lead	COSM AMP PRO
P127	HeavyBtm	COSM AMP PRO
P128	Mtl Lead	COSM AMP PRO