

DT50 AMPLIFIERS - MIDI IMPLEMENTATION CHART

The following tables provide the MIDI CC numbers and values for remotely accessing functions within the Line 6 DT50™ amplifiers.

DT50 MIDI CC Reference

Function	CC#	Value
Channel A		
HD Amp Select	11	0-30 (See page 1•3 for Amp list)
HD Amp Select with Defaults	12	0-30 (See page 1•3 for Amp list)
Power Amp Operating Class A/AB	73	0-63=Class A, 64-127=Class AB
Power Amp Triode/Pentode	75	0-63=Triode, 64-127=Pentode
Topology / NFL Type	77	0=I, 1=II, 2=III, 3=IV (See page 1•3 for Topology list)
12AX7 Boost On/Off	74	0-63=Normal, 64-127=Boost
Capacitor Type X/Y	79	0-63=Capacitor X, 64-127=Capacitor Y
Phase Inverter B+ Voltage Low/High	78	0-63=Low B+, 64-127=High B+
DRIVE Knob	13	0-127
BASS Knob	14	0-127
MID Knob	15	0-127
PRESENCE Knob	21	0-127
TREBLE Knob	16	0-127
VOLUME Knob	17	0-127
Reverb Type	37	0-12 (See page 1•4 for Reverb list)
Reverb Decay	52	0-127
Reverb Pre Delay	53	0-127
Reverb Tone	54	0-127
Reverb Mix	55	0-127
Reverb Bypass/Enable	36	0-127
Cab Select	71	0-17 (See page 1•4 for Cab list)
Voicing Select	122	0=I, 1=II, 2=III, 3=IV

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Function	CC#	Value
Channel B		
HD Amp Select	91	0-30 (See page 1•3 for Amp list)
HD Amp Select with Defaults	89	0-30 (See page 1•3 for Amp list)
Power Amp Operating Class A/AB	115	0-63=Class A, 64-127=Class AB
Power Amp Triode/Pentode	116	0-63=Triode, 64-127=Pentode
Topology / NFL Type	114	0=I, 1=II, 2=III, 3=IV (See page 1•3 for Topology list)
12AX7 Boost On/Off	117	0-63=Normal, 64-127=Boost
Capacitor Type X/Y	87	0-63=Capacitor X, 64-127=Capacitor Y
Phase Inverter B+ Voltage Low/High	86	0-63=Low B+, 64-127=High B+
DRIVE Knob	92	0-127
BASS Knob	93	0-127
MID Knob	94	0-127
TREBLE Knob	95	0-127
PRESENCE Knob	102	0-127
VOLUME Knob	103	0-127
Reverb Type	107	0-12 (See page 1•4 for Reverb list)
Reverb Decay	56	0-127
Reverb Pre Delay	57	0-127
Reverb Tone	58	0-127
Reverb Mix	59	0-127
Reverb Bypass/Enable	105	0-127
Cab Select	110	0-17 (See page 1•4 for Cab list)
Voicing Select	122	4=I, 5=II, 6=III, 7=IV

Function	CC#	Value
Global		
Channel A/B Select	19	0-63=Channel A, 64-127=Channel B
Channel A/B Toggle	66	0-127
Low Volume Mode Bypass/Enable	85	0-63=Normal, 64-127=Low Volume Mode
XLR Direct Out Mic Emulation Type	82	0-8 (See page 1•4 for Mic list)

D50 MIDI CC - Value Reference

Function	CC#	Value
Channel Operation as Listed		
HD Amp Select	11 - Channel A 91 - Channel B	0 = None 1 = Blackface Double Normal 2 = Blackface Double Vib
HD Amp Select with Defaults	12 - Channel A 89 - Channel B	3 = Hiway 100 4 = Super O 5 = Gibtone 185 6 = Tweed B-Man Normal 7 = Tweed B-Man Bright 8 = Blackface 'Lux Normal 9 = Blackface 'Lux Vib 10 = Divide 9/15 11 = Phd Motorway 12 = Class A-15 13 = Class A-30 14 = Brit J-45 Normal 15 = Brit J-45 Bright 16 = Brit Plexi 100 Normal 17 = Brit Plexi 100 Bright 18 = Brit P-75 Normal 19 = Brit P-75 Bright 20 = Brit J-800 21 = Bomber Uber 22 = Treadplate 23 = Angel F-Ball 24 = Line 6 Elektrik 25 = Flip Top 26 = Solo 100 Clean 27 = Solo 100 Crunch 28 = Solo 100 Overdrive 29 = Line 6 Doom 30 = Line 6 Epic
Topology / NFL Type	77 - Channel A 114 - Channel B	0 = Tight 1 = Loose 2 = Zero Negative Feedback 3 = Resonant

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Function	CC#	Value
Channel Operation as Listed		
Reverb Type	37 - Channel A 107 - Channel B	0 = None 1 = Spring 2 = '63 Spring 3 = Plate 4 = Room 5 = Chamber 6 = Hall 7 = Cave 8 = Ducking 9 = Octo 10 = Tile 11 = Echo 12 = Particle Verb
Cab Select	71 - Channel A 110 - Channel B	0 = None 1 = 2x12 Blackface Double 2 = 4x12 Hiway 3 = 1x(6x9) Super O 4 = 1x12 Gibtone F-Coil 5 = 4x10 Tweed B-Man 6 = 1x12 Blackface 'Lux 7 = 1x12 Brit 12-H 8 = 2x12 PhD Ported 9 = 1x12 Blue Bell 10 = 2x12 Silver Bell 11 = 4x12 Greenback 25 12 = 4x12 Blackback 30 13 = 4x12 Brit T-75 14 = 4x12 Uber 15 = 4x12 Tread V-30 16 = 4x12 XXL V-30 17 = 1x15 Flip Top (Bass)
XLR Direct Out Mic Emulation	82 - Global	0 = None 1 = 57 Dynamic 2 = 57 Dynamic, Off Axis 3 = 409 Dynamic 4 = 421 Dynamic 5 = 4038 Ribbon 6 = 121 Ribbon 7 = 67 Condenser 8 = 87 Condenser

