

Original Source:

<https://docs.google.com/document/d/1g6yunKcy2s1OGOkwraDXkDEBKd4hu8FxxISFoJo2eE0/edit>

Mighty Amps use midi CC messages on channel 0

cmd is the CC number. For control values that are enable/disable type, use 0 for disable and any other value for enable.

Items in bold are parameters with a limited set of values, for example **bCC_AmpModeSetup** sets the active amp type (0-18 for mighty plug/air)

Control Name	cmd	Plug/Air	Lite	8BT	20/40BT
	0				
	1				
	2				
	3				
	4				
	5				
bCC_drumTempoH	6	Drums tempo high byte	Same?	Same?	Same?
bCC_VolumePedal	7	USB Input Volume	N/A	N/A	N/A
	8				
bCC_BypassEnable	9				
bCC_DistLevel	10	EFX parameter 3	N/A	N/A	N/A
bCC_Routing	11	Cabinet level	N/A	N/A	N/A
bCC_DistMode	12	EFX Effect type	N/A	N/A	N/A
bCC_OverDriveDrive	13	Amp bass (param 3)	Amp gain (param 1)	Amp gain (param 1)	N/A

bCC_OverDriveTone	14	Amp middle (param 4)	Amp tone (param 3)	Amp tone (param 2)	N/A
bCC_OverDriveLevel	15	Amp treble (param 5)	Amp level (param 2)	Amp level (param 3)	N/A
bCC_OverDriveMode	16	N/A	N/A	N/A	N/A
bCC_DistTone	17	EFX parameter 2	N/A	N/A	N/A
	18				
	19				
	20				
bCC_DistGain	21	EFX gain (parameter 1)	N/A	N/A	N/A
bCC_GateEnable	22	Noise gate enable	Same	Same	Same
bCC_GateThresold	23	Noise gate threshold	Same	Same	Same
bCC_GateDecay	24	Noise gate decay	Same	Same	N/A
	25				
	26				
	27				
bCC_DelayEnable	28	Delay enable	see bcc_ChorusEnable	Delay enable	Delay enable
	29				
bCC_DelayTime	30	Delay time (param 3)	Same	Same	Same
bCC_DelayRepeat	31	Delay repeat (param 1)	Same	Same	Same
	32				

	33				
bCC_ReverbRouting	34	Plate reverb damp	N/A	N/A	N/A
	35				
bCC_ReverbEnable bcc_gRevOnOff	36	Reverb enable	See bCC_ChorusEnable	Reverb enable	Reverb enable
bCC_ReverbMode bcc_gRevType	37	Reverb effect type	See bCC_ChorusMode	Reverb effect type	Reverb effect type
bCC_drumTempoL	38	Drums tempo high byte	Same?	Same?	Same?
bcc_mRevType	39				
	40				
	41				
	42				
	43				
	44				
	45				
bCC_VolumePedalMin	46	USB Audio mode	N/A	N/A	N/A
bCC_VolumePrePost	47	USB Output Volume	N/A	N/A	N/A
	48				
bCC_CtrlType	49	Change preset channel	N/A	N/A	N/A
	50				

bCC_ModfxRate bcc_gChrRate	51	Modulation rate (param 1)	Same	Same	Same (param 2)
bCC_ModfxDepth bcc_gChrDepth	52	Modulation depth (param 2)	Same	Same	Same (param 1)
bCC_ChorusRate bcc_mChrRate	53				
bCC_ChorusDepth bcc_mChrDepth	54				
bCC_ChorusLevel	55	Modulation param 3	???	???	???
bCC_ModfxEnable	56	Modulation enable	Same	Same	Same
bCC_ChorusEnable bcc_gChrOnOff	57	N/A	Ambience enable	N/A	N/A
bCC_ModfxMode	58	Modulation effect type	Same	Same	Same
	59				
bcc_gChrType	60				
bCC_ChorusMode	61	N/A	Ambience effect type	N/A	N/A
	62				
bcc_mChrType	63				
bCC_Tap	64				
	65				
	66				
	67				

	68				
	69				
bCC_CabMicsel	70				
bCC_CabMode	71	Cabinet Type	N/A	N/A	N/A
	72				
	73				
	74				
bCC_AmpModeSetup	75	Change amp type	Change preset channel	Change preset channel	N/A
bCC_BoostEnable	76				
	77				
bCC_AmpMode	78	N/A	N/A	N/A	Change preset channel
bCC_AmpDrive	79	Amp gain (param 1)	N/A	Amp mic lvl (param 4)	Amp gain (param 1)
bCC_AmpPresence	80	Amp presence	N/A	N/A	N/A
bCC_AmpMaster	81	Amp level (param 2)	N/A	Amp AMBSend (param5)	Amp level (param 2)
	82				
	83				
bCC_DistEnable	84	EFX effect enable	N/A	N/A	N/A
bCC_DelayLevel	85	Delay mix (param 2)	Same	Same	Same
bCC_ReverbDecay	86	Reverb decay (param 1)	Same	Same	Same

bCC_ReverbLevel	87	Reverb mix/lvl	Same	Same	Same
bCC_DelayMode	88	Delay effect type	N/A	Delay effect type	Delay effect type
bCC_TempoMSB	89				
bCC_TempoLSB	90				
bcc_gRevDecay	91				
bcc_gRevDamp	92				
bcc_mRevDecay	93				
bcc_mRevDamp	94				
	95				
	96				
	97				
bCC_drumTempo1	98	*	*	*	*
bCC_drumTempo2	99	*	*	*	*
	100				
bCC_CabEnable	101	Unfortunately not doing anything	N/A	N/A	N/A
bCC_AmpEnable	102	Unfortunately not doing anything	???	???	???
bCC_AmpBass	103	N/A	N/A	N/A	Amp bass (param 3)
bCC_AmpMid	104	N/A	N/A	N/A	Amp mid (param 4)
bCC_AmpHigh	105	N/A	N/A	N/A	Amp high (param 5)

	106				
	107				
	108				
	109				
	110				
bCC_OverDriveEnable	111				
bcc_mChrOnOff	112				
bcc_mRevOnOff	113				
	114				
	115				
	116				
	117				
	118				
	119				
	120				
bCC_LoopLevel	121				
bCC_drumOnOff_No	122	Drum machine enable	Same	Same	Same
bCC_drumType_No	123	Drum machine style	Same	Same	Same
bCC_LoopCtrl	124				
bCC_drumLevel_No	125	Drum machine level	Same	Same	Same
bCC_DrumLed	126				

bCC_CtrlCmd	127	Other commands	Same	Same	Same
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