

DM-3200
[MIDI IN, MIDI OUT Port]

TEAC [Digital Mixer]
Model:DM-3200

Date : 21.Nov.2006
Version : 1.5

MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	Memorized
	Changed	1-16	1-16	
Mode	Default	1	1	
	Messages	x	x	
	Altered	*****	x	
Note Number	:True voice	x *****	x x	
Velocity	Note ON	x	x	
	Note OFF	x	x	
After Touch	Key's	x	x	
	Ch's	x	x	
Pitch Bend		x	x	
Control Change	1-5, 7-31, 64-95	o	o	Assignable *1:MIDI Mixer Mode *1:CtrlChg for Mixer
	0, 6, 32-63, 96-119	x	x	
	1-2,4-5,7-8,10-13,16-19	o	o	*1:MIDI Controllers Mode
	64,67,84,99,101	o	o	
	0,3,6,9,14-15,20-63	x	x	
	65-66,68-83,85-98,100	x	x	
	102-119	x	x	
0-119	o	o	*1:MIDI Faders Mode	
Prog Change	:True #	o(0-127) *****	o(0-127) *****	Assignable,*1,*2 *1:MIDI Controllers Mode
System Exclusive		o	o	*1,*3
Common	:MTC quarter frame	o	o	*1
	:Song Pos	x	x	
	:Song Sel	x	x	
	:Tune	x	x	
System Real Time	:Clock	x	x	
	:Commnads	x	x	
Aux Messages	:Local ON/OFF	x	x	
	:All Notes OFF	x	x	
	:Active Sense	x	x	
	:Reset	x	x	
Notes	<p>This implementation chart is for MIDI messages, below.</p> <p>* Outgoing MIDI Messges from physical MIDI OUT port by operating DM-3200</p> <p>* Incoming MIDI messages from physical MIDI IN port that affects DM-3200 operation. (except the messages via USB-MIDI Interface Port)</p> <p>*1: User's choice, memorized. *2: For Snapshot, Effect1 and Effect2 Library Recalls. *3: MMC,MTC Full Message and Device Inquiry *details of Device Inquiry:Identity Reply message F0h 7Eh 00h 06h 02h 4Eh 07h 01h 00h 06h v1 v2 pp 00h F7h v1:major version number of firmware v2:minor version number of firmware pp:port ID (MIDI I/O Port=00h)</p>			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[MTC OUT Port]

TEAC [Digital Mixer]
Model:DM-3200

Date : 03.Apr.2006
Version : 1.2

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Default	1-16	1-16	
Channel Changed	1-16	1-16	
Mode Default	-	-	
Messages	x	x	
Altered	*****		
Note Number	x	x	
:True voice	*****	x	
Velocity Note ON	x	x	
Note OFF	x	x	
After Key's	x	x	
Touch Ch's	x	x	
Pitch Bend	x	x	
Control 0-119	x	x	
Change			
Prog	x	x	
Change :True #	*****	*****	
System Exclusive	x	o	MTC Full Message *1
Common :MTC quarter frame	x	o	*1
:Song Pos	x	x	
:Song Sel	x	x	
:Tune	x	x	
System :Clock	x	x	
Real Time :Commnads	x	x	
Aux :Local ON/OFF	x	x	
Messages :All Notes OFF	x	x	
:Active Sense	x	x	
:Reset	x	x	
Notes	*1: User's choice, memorized.		

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[USB MIDI Control Port(#1)]

TEAC [Digital Mixer]
Model:DM-3200

Date : 03.Apr.2006
Version : 1.2

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks	
Basic Channel	Default Changed	1-16 1-16	1-16 1-16	
Mode	Default Messages Altered	- x *****	- x	
Note Number	:True voice	x *****	x x	
Velocity	Note ON Note OFF	x x	x x	
After Touch	Key's Ch's	x x	x x	
Pitch Bend		x	x	
Control Change	0-119	x	x	
Prog Change	:True #	x *****	x *****	
System Exclusive		o	o	*1
Common	:MTC quarter frame :Song Pos :Song Sel :Tune	x x x x	x x x x	
System Real Time	:Clock :Commnads	x x	x x	
Aux Messages	:Local ON/OFF :All Notes OFF :Active Sense :Reset	x x x x	x x x x	
Notes	*1: TEAC Syx,MTC Full Message and Device Inquiry.			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[USB MIDI Interface Port(#2)]

TEAC [Digital Mixer]
Model:DM-3200

Date : 03.Apr.2006
Version : 1.2

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks	
Basic Channel	Default Changed	1-16 1-16	1-16 1-16	
Mode	Default Messages Altered	1 0 *****	1 0	
Note Number	:True voice	0 0-127	0 0	
Velocity	Note ON Note OFF	0 0	0 0	
After Touch	Key's Ch's	0 0	0 0	
Pitch Bend		0	0	
Control Change	0-119	0	0	
Prog Change	:True #	0 0-127	0 0-127	
System Exclusive		0	0	*1
Common	:MTC quarter frame :Song Pos :Song Sel :Tune	0 0 0 0	0 0 0 0	
System Real Time	:Clock :Commnads	0 0	0 0	
Aux Messages	:Local ON/OFF :All Notes OFF :Active Sense :Reset	0 0 0 0	0 0 0 0	
Notes	* Incoming MIDI messages from physical MIDI IN port are transmitted to USB MIDI Interface port through the MIDI filter. * Incoming MIDI messages from USB MIDI Interface port are transmitted to physical MIDI OUT port through the MIDI filter. *1: Ignore if greater than 513 bytes.			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[USB MIDI MTC Port(#3)]

TEAC [Digital Mixer]
Model:DM-3200

Date : 03.Apr.2006
Version : 1.2

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks	
Basic Channel	Default Changed	1-16 1-16	1-16 1-16	
Mode	Default Messages Altered	- x *****	- x	
Note Number	:True voice	x *****	x x	
Velocity	Note ON Note OFF	x x	x x	
After Touch	Key's Ch's	x x	x x	
Pitch Bend		x	x	
Control Change	0-119	x	x	
Prog Change	:True #	x *****	x *****	
System Exclusive		o	o	MTC Full Message *1
Common	:MTC quarter frame :Song Pos :Song Sel :Tune	o x x x	o x x x	*1
System Real Time	:Clock :Commnads	x x	x x	
Aux Messages	:Local ON/OFF :All Notes OFF :Active Sense :Reset	x x x x	x x x x	
Notes	*1: User's choice, memorized.			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[USB MIDI PC-CC Port(#4)]

TEAC [Digital Mixer]
Model:DM-3200

Date : 21.Nov.2006
Version : 1.5

MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	Memorized
	Changed	1-16	1-16	
Mode	Default	-	-	
	Messages Altered	x *****	x	
Note Number	:True voice	x *****	x	
Velocity	Note ON	x	x	
	Note OFF	x	x	
After Touch	Key's	x	x	
	Ch's	x	x	
Pitch Bend		x	x	
Control Change	1-5, 7-31, 64-95	o	o	Assignable *1:CtrlChg for Mixer
	0, 6, 32-63, 96-119	x	x	
Prog Change	:True #	o(0-127) *****	o(0-127) *****	Assignable,*1,*2
System Exclusive		o	o	*3
Common	:MTC quarter frame	x	x	
	:Song Pos	x	x	
	:Song Sel	x	x	
	:Tune	x	x	
System Real Time	:Clock	x	x	
	:Commnads	x	x	
Aux Messages	:Local ON/OFF	x	x	
	:All Notes OFF	x	x	
	:Active Sense	x	x	
	:Reset	x	x	
Notes	*1: User's choice, memorized. *2: For Snapshot, Effect1and Effect2 Library Recalls. *3: Device Inquiry *details of Device Inquiry:Identity Reply message F0h 7Eh 00h 06h 02h 4Eh 07h 01h 00h 06h v1 v2 pp 00h F7h v1:major version number of firmware v2:minor version number of firmware pp:port ID (USB MIDI PC/CC Port=04h)			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No

DM-3200
[USB MIDI Remote Port(#5,#6)]

TEAC [Digital Mixer]
Model:DM-3200

Date : 21.Nov.2006
Version : 1.5

MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	Memorized
	Changed	1-16	1-16	
Mode	Default	1	1	
	Messages	x	x	
	Altered	*****		
Note Number	:True voice	0	0	*1:HUI Mode Active Sensing

	:True voice	00h-70h	00h-73h	*2:Mackie Ctrl Mode:Key,LED
Velocity	Note ON	90H,v=127	90H,v=0	*1:HUI Mode Active Sensing
	Note OFF	x	x	
	Note ON	90H,v=0,127	90H,v=0,127	*2:Mackie Ctrl Mode:Key,LED
	Note OFF	x	x	
After Touch	Key's	x	x	
	Ch's	x	x	
Pitch Bend		0	0	*2:Mackie Ctrl Mode:Fader
Control Change	00h-07h,20h-27h	0	0	*2:HUI Mode:Fader
	0Ch,2Ch	x	0	*2:HUI Mode:LED
	0Fh,2Fh	0	x	*2:HUI Mode:Switch Ctrl
	10h-17h	x	0	*2:HUI Mode:V-Pot LED
	40h-47h	0	x	*2:HUI Mode:V-Pot Ctrl
	others	x	x	
	10h-17h,3Ch	0	x	*2:Mackie Ctrl Mode:Encoder
	30h-37h	x	0	*2:Mackie Ctrl Mode:RingLED
	others	x	x	
Prog Change	:True #	x	x	
		*****	*****	
System Exclusive		0	0	*2,*3
Common	:MTC quarter frame	x	0	*4
	:Song Pos	x	x	
	:Song Sel	x	x	
	:Tune	x	x	
System Real Time	:Clock	x	x	
	:Commnads	x	x	
Aux Messages	:Local ON/OFF	x	x	
	:All Notes OFF	x	x	
	:Active Sense	x	x	
	:Reset	x	x	
Notes	*1: For Active sensing in HUI Emulator mode. *2: User's choice, memorized. *3: HUI Protocol, Mackie Control Protocol and Device Inquiry *4: For Display only *details of Device Inquiry:Identity Reply message F0h 7Eh 00h 06h 02h 4Eh 07h 01h 00h 06h v1 v2 pp 00h F7h v1:major version number of firmware v2:minor version number of firmware pp:port ID (USB MIDI REMOTE1 Port=05h / REMOTE2 Port=06h)			

Mode 1:OMNI ON, POLY
Mode 3:OMNI OFF,POLY

Mode 2:OMNI ON, MONO
Mode 4:OMNI OFF,MONO

o:Yes
x:No