DM Series
OSC Specifications

Version 2.0.0

Applicable products
DM7 Series/DM5 Series V2.0.0

OSC (Open Sound Control) is a protocol for transmitting control information of electronic musical instruments / audio equipment, etc. via a network. This protocol can be used to remotely control the DM series. This document describes the connection and setup procedure for remote control using this protocol and lists the necessary parameter information.

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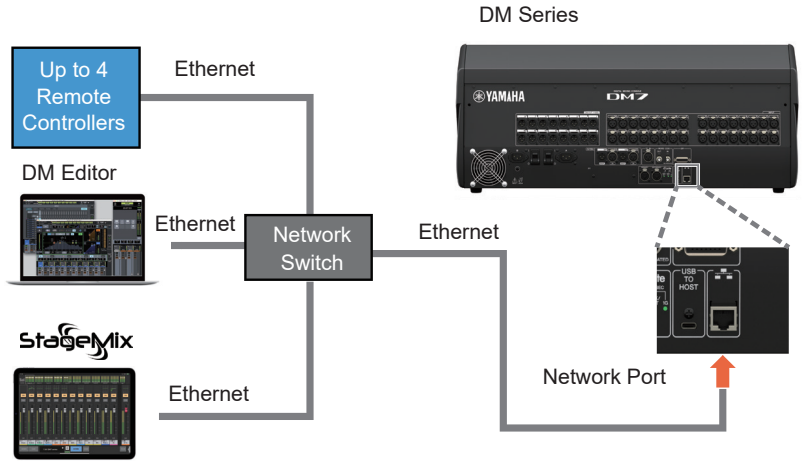
0. Revision History

Version	Date	Section	Description
V1.0.0	Nov. 1, 2023	-	Initial version
V1.1.0	Jul. 1, 2025	1.4	Added configuration examples.
		2.1	Corrected values for PEQ Band Gain. Added Cue/Monitor/5.1 Surround Parameters.
V2.0.0	Sep. 30, 2026	-	Changed the document title to “DM Series OSC Specifications”. Add the DM5 Series to the supported models. Add Input Channel parameters.

1. Setup

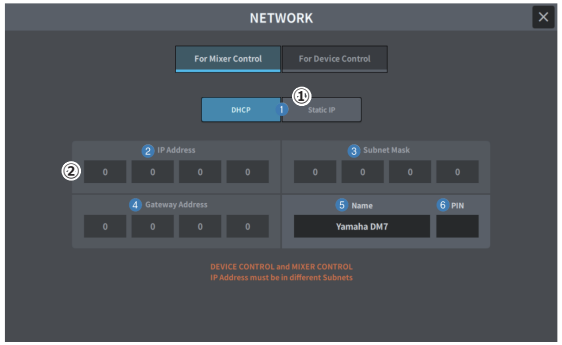
1.1. Connection Procedure

Connect the remote controller to the network terminal of each device as shown below. The device to be controlled is specified by its IP address. Connect DM Series to the Network PC terminal (computer connection terminal for external control) via the Network port on the rear panel. Up to four OSC remote controllers can be connected to one DM Series console.



1.2. DM Series Configuration

IP address setting:
Uses the same IP address as Editor and StageMix.
Open the NETWORK window from SETUP in the menubar, and select “For Mixer Control”.



1) Select “Static IP”.
2) Specify the IP address and subnet mask.

1.3. Configuring the Remote Controller

DM Series can be controlled from an external device via Ethernet (NETWORK terminal).
The settings on the remote controller side for each connection are as follows -
IP Address: Specify the IP address of For Mixer Control of the DM Series to be controlled.
IP Port No.: UDP 49900

1.4. Configuration Examples

Below are several example commands set using an OSC Controller, in this case with the QLab application. QLab does not require type tags to be added to the command. A type tag may be required depending on the OSC Controller application, please check this for the OSC controller to be used.

1.4.1. OSC address format pattern

OSC address format pattern for parameters:
/yosc:req/<Action>/<Parameter ID>/<X>/<Y> <value>

Format	Command	Notes
/yosc:req	/yosc:req	"yosc:req" is a Yamaha identifier
Action	/set	
Parameter ID	/MIXER:Current/parameter1/parameter2/parameter3	
X index	/X	i.e channel number
Y index	/Y	Y index is not always required, it depends on the paramaterID. It can be omitted when not needed.
argument value	value (integer or string)	value must always be seperated from address or other value by a space

OSC address format pattern for direct scene recall:
/yosc:req/<Action> <type tag> <Parameter ID> <value>

Format	Command	Notes
/yosc:req	/yosc:req	"yosc:req" is a Yamaha identifier
Action	/ssrecallt_ex	
Parameter ID	scene_a or scene_b	scene list A or B. Must be a space between address and value
argument value	scene number	If using Qlab or Companion, scene number must be "x.xx", if using Toush OSC omit "".

OSC address format for scene recall inc/dec:
/yosc:req/event <type tag> <Parameter ID>

Format	Command	Notes
/yosc:req	/yosc:req	"yosc:req" is a Yamaha identifier
Action	/event	
Parameter ID	MIXER:Lib/Scene/RecallInc scene_a MIXER:Lib/Scene/RecallDec scene_a MIXER:Lib/Scene/RecallInc scene_b MIXER:Lib/Scene/RecallDec scene_b	scene list A or B

1.4.2. Parameter setting examples

Recall Scene List A 4.00
OSC command: /yosc:req/ssrecallt_ex scene_a “4.00”

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Scene	Recall Scene_A	ssrecallt_ex	scene_a	1.00	499.99	------	------

Note: Scene number must use “x.xx” if using Qlab or Companion, if using Touch OSC remove “”.

Inc Recall Scene List A
OSC command: /yosc:req/event MIXER:Lib/Scene/RecallInc scene_a

Category	Parameter Description	<Parameter ID>
Scene	Inc Recall Current Scene List	MIXER:Lib/Scene/RecallInc scene_a

Dec Recall Scene List A
OSC command: /yosc:req/event MIXER:Lib/Scene/Recalldec scene_a

Category	Parameter Description	<Parameter ID>
Scene	Dec Recall Current Scene List	MIXER:Lib/Scene/RecallDec scene_a

Set Input Channel Name
Name Ch 25 ‘Lead Vox’
OSC command: /yosc:req/set/MIXER:Current/InCh/Label/Name/25 LeadVox

Name Ch 66 ‘REVERB’
OSC command: /yosc:req/set/MIXER:Current/InCh/Label/Name/25 REVERB

Category	Parameter Description	<Action>	<Parameter ID>
Input Channel	Label Name	set	MIXER:Current/InCh/Label/Name

Note: The maximum number of characters is 8.

Set Input Channel Color
Ch 8 to ‘green’
OSC command: /yosc:req/set/MIXER:Current/InCh/Label/Color/8 Green

Ch 8 to no color
OSC command: /yosc:req/set/MIXER:Current/InCh/Label/Color/8 Off

Category	Parameter Description	<Action>	<Parameter ID>
Input Channel	Label Color	set	MIXER:Current/InCh/Label/Color

Note: Values: Blue/Green/Orange/Pink/Purple/Red/SkyBlue/Yellow/Cyan/Magenta/Off

Set Input Channel ON/OFF
Ch1 ON
OSC command: /yosc:req/set/MIXER:Current/InCh/Fader/On/1 1

Ch 1 OFF
OSC command: /yosc:req/set/MIXER:Current/InCh/Fader/On/1 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	Fader On	set	MIXER:Current/InCh/Fader/On	0	1		

Note: 1: ON, 0: OFF

Set Input Channel Fader Level
Ch 61 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/Fader/Level/61 0

Ch 61 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/Fader/Level/61 -2000

Ch 61 to -inf
OSC command: /yosc:req/set/MIXER:Current/InCh/Fader/Level/61 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	Fader Level	set	MIXER:Current/InCh/Fader/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set Input Channel Stereo PAN
Ch 15 to Right 63
OSC command: /yosc:req/set/MIXER:Current/InCh/ToSt/Pan/15 63

Ch 15 to Centre
OSC command: /yosc:req/set/MIXER:Current/InCh/ToSt/Pan/15 0

Ch 15 to Left 35
OSC command: /yosc:req/set/MIXER:Current/InCh/ToSt/Pan/15 -35

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Stereo Pan	set	MIXER:Current/InCh/ToSt/Pan	-63	63		

Note: Refer to Table 2 of the OSC Specifications document for the full list of pan values.

Set Input Channel to Mix Send ON/OFF
Ch 8/Mix 10 ON
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/On/8/10 1

Ch 8/Mix 10 OFF
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/On/8/10 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Mix On	set	MIXER:Current/InCh/ToMix/On	0	1		

Note: 1: ON, 0: OFF

Set Input Channel to Mix Send Level
Ch 16/Mix 32 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Level/16/32 0

Ch 16/Mix 32 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Level/16/32 -2000

Ch 16/Mix 32 to -Inf
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Level/16/32 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Mix Level	set	MIXER:Current/InCh/ToMix/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set Input Channel to Mix Send Pan
Ch 71/Mix 41 to Right 63
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Pan/71/41 63

Ch 71/Mix 41 to Centre
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Pan/71/41 0

Ch 71/Mix 41 to Left 35
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMix/Pan/71/41 -35

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Mix Pan	set	MIXER:Current/InCh/ToMix/Pan	-63	63		

Note: Refer to Table 2 of the OSC Specifications document for the full list of pan values.

Set Input Channel to Matrix Send ON/OFF
Ch 28/Mtrx 7 ON
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/On/28/7 1

Ch 28/Mtrx 7 OFF
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/On/28/7 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Matrix On	set	MIXER:Current/InCh/ToMtrx/On	0	1		

Note: 1: ON, 0: OFF

Set Input Channel to Matrix Send Level
Ch 45/Mtrx 2 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Level/45/2 0

Ch 45/Mtrx 2 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Level/45/2 -2000

Ch 45/Mtrx 2 to -Inf
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Level/45/2 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Matrix Level	set	MIXER:Current/InCh/ToMtrx/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set Input Channel to Matrix Send Pan
Ch 33/Mtrx 11 to Right 63
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Pan/33/11 63

Ch 33/Mtrx 11 to Centre
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Pan/33/11 0

Ch 33/Mtrx 11 to Left 35
OSC command: /yosc:req/set/MIXER:Current/InCh/ToMtrx/Pan/33/11 -35

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	To Matrix Pan	set	MIXER:Current/InCh/ToMtrx/Pan	-63	63		

Note: Refer to Table 2 of the OSC Specifications document for the full list of pan values.

Set Input Channel DCA assignment
Assign Ch 17 to DCA 8
OSC command: /yosc:req/set/MIXER:Current/InCh/DCA/Assign/17/8 1

Unassign Ch17 from DCA 8
OSC command: /yosc:req/set/MIXER:Current/InCh/DCA/Assign/17/8 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Input Channel	DCA Group Assign	set	MIXER:Current/InCh/DCA/Assign	0	1		

Note: 1: assigned, 0: unassigned

Set Mix Channel Name
Name Mix 5 'WEDGE'
OSC command: /yosc:req/set/MIXER:Current/Mix/Label/Name/5 WEDGE

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	Label Name	set	MIXER:Current/Mix/Label/Name				

Note: The maximum number of characters is 8.

Set Mix Channel Color
Mix19 to 'Blue'
OSC command: /yosc:req/set/MIXER:Current/Mix/Label/Color/19 Blue

Mix19 to no color
OSC command: /yosc:req/set/MIXER:Current/Mix/Label/Color/19 Off

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	Label Color	set	MIXER:Current/Mix/Label/Color				

Note: Values: Blue/Green/Orange/Pink/Purple/Red/SkyBlue/Yellow/Cyan/Magenta/Off

Set Mix Channel ON/OFF
Mix 1 ON
OSC command: /yosc:req/set/MIXER:Current/Mix/Fader/On/1 1

Mix 1 OFF
OSC command: /yosc:req/set/MIXER:Current/Mix/Fader/On/1 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	Fader On	set	MIXER:Current/Mix/Fader/On	0	1		

Note: 1: ON, 0: OFF

Set Mix Channel Fader Level
Mix 32 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/Mix/Fader/Level/34 0

Mix 32 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/Mix/Fader/Level/34 -2000

Mix 32 to -inf
OSC command: /yosc:req/set/MIXER:Current/Mix/Fader/Level/34 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	Fader Level	set	MIXER:Current/Mix/Fader/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set Mix to Matrix Send ON/OFF
Mix 19/Mtrx 2 ON
OSC command: /yosc:req/set/MIXER:Current/Mix/ToMtrx/On/19/2 1

Mix 19/Mtrx 2 OFF
OSC command: /yosc:req/set/MIXER:Current/Mix/ToMtrx/On/19/2 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	To Matrix On	set	MIXER:Current/Mix/ToMtrx/On	0	1		

Note: 1: ON, 0: OFF

Set Mix to Matrix Send Level
Mix 47/Mtrx 10 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/Mix/ToMtrx/Level/47/10 0

Mix 47/Mtrx 10 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/Mix/ToMtrx/Level/47/10 -2000

Mix 47/Mtrx 10 to -inf
OSC command: /yosc:req/set/MIXER:Current/Mix/ToMtrx/Level/47/10 -33768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mix Channel	To Matrix Level	set	MIXER:Current/Mix/ToMtrx/Level	-32768	1000	100	dB

Note: Refer to Table 2 in the full OSC Protocol document for full list of send values.

Set Matrix Channel Name
Name Mtrx 7 'SUB'
OSC command:/yosc:req/set/MIXER:Current/Mtrx/Label/Name/7 SUB

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Matrix Channell	Label Name	set	MIXER:Current/Mtrx/Label/Name				

Note: The maximum number of characters is 8.

Set Matrix Channel Color
Mtrx 19 to 'Pink'
OSC command:/yosc:req/set/MIXER:Current/Mtrx/Label/Color/19 Pink

Mtrx 19 to no color
OSC command:/yosc:req/set/MIXER:Current/Mtrx/Label/Color/19 Off

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Matrix Channell	Label Color	set	MIXER:Current/Mtrx/Label/Color				

Note: Values: Blue/Green/Orange/Pink/Purple/Red/SkyBlue/Yellow/Cyan/Magenta/Off

Set Matrix Channel ON/OFF
Mtrx 1 ON
OSC command: /yosc:req/set/MIXER:Current/Mtrx/Fader/On/1 1

Mtrx 1 OFF
OSC command: /yosc:req/set/MIXER:Current/Mtrx/Fader/On/1 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Matrix Channell	Fader On	set	MIXER:Current/Mtrx/Fader/On	0	1		

Note: 1: ON, 0: OFF

Set Matrix Channel Fader Level
Mtrx 7 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/Mtrx/Fader/Level/7 0

Mtrx 7 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/Mtrx/Fader/Level/7 -2000

Mtrx 7 to -inf
OSC command: /yosc:req/set/MIXER:Current/Mtrx/Fader/Level/7 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Matrix Channell	Fader Level	set	MIXER:Current/Mtrx/Fader/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set DCA Channel Name
Name DCA 1 'DRUMS'
OSC command: /yosc:req/set/MIXER:Current/DCA/Label/Name/1 DRUMS

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
DCA Group	Label Name	set	MIXER:Current/DCA/Label/Name				

Note: The maximum number of characters is 8.

Set DCA Channel Color
DCA 9 to 'Red'
OSC command: /yosc:req/set/MIXER:Current/DCA/Label/Color/8 Red

DCA 9 to no color
OSC command: /yosc:req/set/MIXER:Current/DCA/Label/Color/8 Off

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
DCA Group	Label Color	set	MIXER:Current/DCA/Label/Color				

Note: Values: Blue/Green/Orange/Pink/Purple/Red/SkyBlue/Yellow/Cyan/Magenta/Off

Set DCA Channel ON/OFF
DCA 12 ON
OSC command: /yosc:req/set/MIXER:Current/DCA/Fader/On/12 1

DCA 12 OFF
OSC command: /yosc:req/set/MIXER:Current/DCA/Fader/On/12 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
DCA Group	Fader On	set	MIXER:Current/DCA/Fader/On	0	1		

Note: 1: ON, 0: OFF

Set DCA Channel Fader Level
DCA 2 to 0 dB
OSC command: /yosc:req/set/MIXER:Current/DCA/Fader/Level/2 0

DCA 2 to -20 dB
OSC command: /yosc:req/set/MIXER:Current/DCA/Fader/Level/2 -2000

DCA 2 to -inf
OSC command: /yosc:req/set/MIXER:Current/DCA/Fader/Level/2 -32768

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
DCA Group	Fader Level	set	MIXER:Current/DCA/Fader/Level	-32768	1000	100	dB

Note: Refer to Table 1 of the OSC Specifications document for the full list of fader level values.

Set Mute Group ON/OFF
Mute Group 8 ON (muted)
OSC command: /yosc:req/set/MIXER:Current/MuteGrpCtrl/On/8 1

Mute Group 8 Off (unmuted)
OSC command: /yosc:req/set/MIXER:Current/MuteGrpCtrl/On/8 0

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mute Group Control	On	set	MIXER:Current/MuteGrpCtrl/On	0	1		

Note: Values: 1: ON, 0: OFF

Set Mute Group Name
Name Mute Group 2 'Vocals'
OSC command: /yosc:req/set/MIXER:Current/MuteGrpCtrl/Label/Name/2 Vocals

Category	Parameter Description	<Action>	<Parameter ID>	<value>		value	
				min	max	scaling	unit
Mute Group Control	Label Name	set	MIXER:Current/MuteGrpCtrl/Label/Name				

Note: The maximum number of characters is 8.

2. Parameter

2.1. Parameter List

OSC address: /yosc:req/<Action>/<Parameter ID>/<X>/<Y> <value>

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Input Channel	Fader Level	set	MIXER:Current/InCh/Fader/Level	1 - Input Channel Num	Input Channel	1	–	i:	integer	-32768	1000	100	dB	See Table 1
Input Channel	Fader On	set	MIXER:Current/InCh/Fader/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	To Stereo Pan	set	MIXER:Current/InCh/ToSt/Pan	1 - Input Channel Num	Input Channel	1	–	i:	integer	-63	63			See Table 2
Input Channel	To Stereo On	set	MIXER:Current/InCh/ToSt/On	1 - Input Channel Num	Input Channel	1 - Stereo Channel Num	Stereo Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel	HA Port Gain	set	MIXER:Current/InCh/Port/HA/Gain	1 - Input Channel Num	Input Channel	1	–	i:	integer	-600	6600	100	dB	See Table 5 DM5 Series: 0 - 6400
Input Channel	Digital Gain	set	MIXER:Current/InCh/DigitalGain	1 - Input Channel Num	Input Channel	1	-	i:	integer	-9600	2400	100	dB	-96.0dB - +24.0dB
Input Channel	Phase On	set	MIXER:Current/InCh/Phase	1 - Input Channel Num	Input Channel	1	-	i:	integer	0	1			0: OFF, 1: ON
Input Channel	Label Name	set	MIXER:Current/InCh/Label/Name	1 - Input Channel Num	Input Channel	1	–	s:	string					Maximum length: 8 characters.
Input Channel	Label Color	set	MIXER:Current/InCh/Label/Color	1 - Input Channel Num	Input Channel	1	–	s:	string					See Table 3
Input Channel	Label Icon	set	MIXER:Current/InCh/Label/Icon	1 - Input Channel Num	Input Channel	1	–	s:	string					See Table 4
Input Channel	HPF On	set	MIXER:Current/InCh/HPF/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	HPF Frequency	set	MIXER:Current/InCh/HPF/Freq	1 - Input Channel Num	Input Channel	1	–	i:	integer	200	200000	10	Hz	
Input Channel	HPF Slope	set	MIXER:Current/InCh/HPF/Slope	1 - Input Channel Num	Input Channel	1	–	i:	integer	6	24		dB/oct	
Input Channel	LPF On	set	MIXER:Current/InCh/LPF/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	LPF Frequency	set	MIXER:Current/InCh/LPF/Freq	1 - Input Channel Num	Input Channel	1	–	i:	integer	200	200000	10	Hz	20Hz - 20kHz
Input Channel	LPF Slope	set	MIXER:Current/InCh/LPF/Slope	1 - Input Channel Num	Input Channel	1	–	i:	integer	6	12		dB/oct	
Input Channel	PEQ Bank Select	set	MIXER:Current/InCh/PEQ/BankSelect	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: Bank A, 1: Bank B
Input Channel	PEQ On	set	MIXER:Current/InCh/PEQ/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	PEQ Type	set	MIXER:Current/InCh/PEQ/Type	1 - Input Channel Num	Input Channel	1	–	s:	string					“PRECISE”, “AGGRESSIVE”, “SMOOTH”, “LEGACY”
Input Channel	PEQ Band Bypass	set	MIXER:Current/InCh/PEQ/Band/Bypass	1 - Input Channel Num	Input Channel	1 - PEQ Inch Band Num	PEQ Inch Band	i:	integer	0	1			0: OFF, 1: ON
Input Channel	PEQ Band Frequency	set	MIXER:Current/InCh/PEQ/Band/Freq	1 - Input Channel Num	Input Channel	1 - PEQ Inch Band Num	PEQ Inch Band	i:	integer	200	200000	10		
Input Channel	PEQ Band Gain	set	MIXER:Current/InCh/PEQ/Band/Gain	1 - Input Channel Num	Input Channel	1 - PEQ Inch Band Num	PEQ Inch Band	i:	integer	-1800	1800	10		
Input Channel	PEQ Band Q	set	MIXER:Current/InCh/PEQ/Band/Q	1 - Input Channel Num	Input Channel	1 - PEQ Inch Band Num	PEQ Inch Band	i:	integer	100	16000	1000		
Input Channel	PEQ High Shelving On	set	MIXER:Current/InCh/PEQ/HighShelving/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	PEQ Low Shelving On	set	MIXER:Current/InCh/PEQ/LowShelving/On	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	To Mix Level	set	MIXER:Current/InCh/ToMix/Level	1 - Input Channel Num	Input Channel	1 - Mix Channel Num	Mix Channel	i:	integer	-32768	1000	100	dB	
Input Channel	To Mix On	set	MIXER:Current/InCh/ToMix/On	1 - Input Channel Num	Input Channel	1 - Mix Channel Num	Mix Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel	To Mix Pan	set	MIXER:Current/InCh/ToMix/Pan	1 - Input Channel Num	Input Channel	1 - Mix Channel Num	Mix Channel	i:	integer	-63	63			See Table 2
Input Channel	To Mix Pre Post	set	MIXER:Current/InCh/ToMix/PrePost	1 - Input Channel Num	Input Channel	1 - Mix Channel Num	Mix Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel	To Matrix Level	set	MIXER:Current/InCh/ToMtrx/Level	1 - Input Channel Num	Input Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-32768	1000	100	dB	
Input Channel	To Matrix On	set	MIXER:Current/InCh/ToMtrx/On	1 - Input Channel Num	Input Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Input Channel	To Matrix Pan	set	MIXER:Current/InCh/ToMtrx/Pan	1 - Input Channel Num	Input Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-63	63			See Table 2
Input Channel	To Matrix Pre Post	set	MIXER:Current/InCh/ToMtrx/PrePost	1 - Input Channel Num	Input Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel	DCA Group Assign	set	MIXER:Current/InCh/DCA/Assign	1 - Input Channel Num	Input Channel	1 - DCA Group Num	DCA Group	i:	integer	0	1			0: OFF, 1: ON
Input Channel	Patch Select	set	MIXER:Current/InCh/PatchSelect	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: A, 1: B
Input Channel	5.1 Surround LR Pan	set	MIXER:Current/InCh/Surr/LRPan	1 - Input Channel Num	Input Channel	1	–	i:	integer	-63	63			
Input Channel	5.1 Surround FR Pan	set	MIXER:Current/InCh/Surr/FRPan	1 - Input Channel Num	Input Channel	1	–	i:	integer	-63	63			
Input Channel	5.1 Surround Divergence	set	MIXER:Current/InCh/Surr/Div	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	100	1		
Input Channel	5.1 Surround L On	set	MIXER:Current/InCh/Surr/LOn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround R On	set	MIXER:Current/InCh/Surr/ROn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround C On	set	MIXER:Current/InCh/Surr/COn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround LFE On	set	MIXER:Current/InCh/Surr/LFEOn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround Ls On	set	MIXER:Current/InCh/Surr/LsOn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround Rs On	set	MIXER:Current/InCh/Surr/RsOn	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel	5.1 Surround LFE Level	set	MIXER:Current/InCh/Surr/LFELevel	1 - Input Channel Num	Input Channel	1	–	i:	integer	-32768	1000	100	dB	
Input Channel	Cue Input Channel On	set	MIXER:Current/Cue/InCh/On	1 - Input Channel Num	Input Channel	1 - Cue A/B Num		i:	integer	0	1			0: OFF, 1: ON
Input Channel	Input Channel Link Assign	set	MIXER:Current/InputChLink/InCh/Assign	1 - Input Channel Num	Input Channel	1	–	i:	integer	0	52			0: NONE, 1: A, … 52: z
Mix Channel	Fader Level	set	MIXER:Current/Mix/Fader/Level	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	-32768	1000	100	dB	See Table 1
Mix Channel	Fader On	set	MIXER:Current/Mix/Fader/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	Pan Link	set	MIXER:Current/Mix/PanLink	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	To Stereo Pan	set	MIXER:Current/Mix/ToSt/Pan	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	-63	63			See Table 2
Mix Channel	To Stereo On	set	MIXER:Current/Mix/ToSt/On	1 - Mix Channel Num	Mix Channel	1 - Stereo Channel Num	Stereo Channel	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	Output Balance	set	MIXER:Current/Mix/Out/Balance	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	-63	63			
Mix Channel	Label Name	set	MIXER:Current/Mix/Label/Name	1 - Mix Channel Num	Mix Channel	1	–	s:	string					Maximum length: 8 characters.
Mix Channel	Label Color	set	MIXER:Current/Mix/Label/Color	1 - Mix Channel Num	Mix Channel	1	–	s:	string					See Table 3
Mix Channel	Label Icon	set	MIXER:Current/Mix/Label/Icon	1 - Mix Channel Num	Mix Channel	1	–	s:	string					See Table 4
Mix Channel	HPF On	set	MIXER:Current/Mix/HPF/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	HPF Frequency	set	MIXER:Current/Mix/HPF/Freq	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	200	200000	10	Hz	
Mix Channel	HPF Slope	set	MIXER:Current/Mix/HPF/Slope	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	6	24		dB/oct	
Mix Channel	LPF On	set	MIXER:Current/Mix/LPF/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	LPF Frequency	set	MIXER:Current/Mix/LPF/Freq	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	200	200000	10	Hz	20Hz - 20kHz
Mix Channel	LPF Slope	set	MIXER:Current/Mix/LPF/Slope	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	6	12		dB/oct	
Mix Channel	PEQ Bank Select	set	MIXER:Current/Mix/PEQ/BankSelect	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: Bank A, 1: Bank B
Mix Channel	PEQ On	set	MIXER:Current/Mix/PEQ/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	PEQ Type	set	MIXER:Current/Mix/PEQ/Type	1 - Mix Channel Num	Mix Channel	1	–	s:	string					“PRECISE”, “AGGRESSIVE”, “SMOOTH”, “LEGACY”
Mix Channel	PEQ Band Bypass	set	MIXER:Current/Mix/PEQ/Band/Bypass	1 - Mix Channel Num	Mix Channel	1 - PEQ Mix Band Num	PEQ Mix Band	i:	integer	0	1			0: OFF, 1: ON

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Mix Channel	PEQ Band Frequency	set	MIXER:Current/Mix/PEQ/Band/Freq	1 - Mix Channel Num	Mix Channel	1 - PEQ Mix Band Num	PEQ Mix Band	i:	integer	200	200000	10		
Mix Channel	PEQ Band Gain	set	MIXER:Current/Mix/PEQ/Band/Gain	1 - Mix Channel Num	Mix Channel	1 - PEQ Mix Band Num	PEQ Mix Band	i:	integer	-1800	1800	10		
Mix Channel	PEQ Band Q	set	MIXER:Current/Mix/PEQ/Band/Q	1 - Mix Channel Num	Mix Channel	1 - PEQ Mix Band Num	PEQ Mix Band	i:	integer	100	16000	1000		
Mix Channel	PEQ High Shelving On	set	MIXER:Current/Mix/PEQ/HighShelving/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	PEQ Low Shelving On	set	MIXER:Current/Mix/PEQ/LowShelving/On	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	Mix Minus	set	MIXER:Current/Mix/MixMinus/Owner/InputChannel	1 - Mix Channel Num	Mix Channel	1 - Input Channel Num	Input Channel	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	To Matrix Level	set	MIXER:Current/Mix/ToMtrx/Level	1 - Mix Channel Num	Mix Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-32768	1000	100	dB	
Mix Channel	To Matrix On	set	MIXER:Current/Mix/ToMtrx/On	1 - Mix Channel Num	Mix Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	To Matrix Pan	set	MIXER:Current/Mix/ToMtrx/Pan	1 - Mix Channel Num	Mix Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-63	63			See Table 2
Mix Channel	To Matrix Pre Post	set	MIXER:Current/Mix/ToMtrx/PrePost	1 - Mix Channel Num	Mix Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	DCA Group Assign	set	MIXER:Current/Mix/DCA/Assign	1 - Mix Channel Num	Mix Channel	1 - DCA Group Num	DCA Group	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	Cue Mix Channel On	set	MIXER:Current/Cue/Mix/On	1 - Mix Channel Num	Mix Channel	1 - Cue A/B Num	-	i:	integer	0	1			0: OFF, 1: ON
Mix Channel	Output Channel Link Assign	set	MIXER:Current/OutputChLink/Mix/Assign	1 - Mix Channel Num	Mix Channel	1	–	i:	integer	0	52			0: NONE, 1: A, … 52: z
Stereo Channel	Fader Level	set	MIXER:Current/St/Fader/Level	1 - Stereo Channel Num	Stereo Channel	1	–	i:	integer	-32768	1000	100	dB	See Table 1
Stereo Channel	Fader On	set	MIXER:Current/St/Fader/On	1 - Stereo Channel Num	Stereo Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Stereo Channel	Output Balance	set	MIXER:Current/St/Out/Balance	1 - Stereo Channel Num	Stereo Channel	1	–	i:	integer	-63	63			
Stereo Channel	Label Name	set	MIXER:Current/St/Label/Name	1 - Stereo Channel Num	Stereo Channel	1	–	s:	string					Maximum length: 8 characters.
Stereo Channel	Label Color	set	MIXER:Current/St/Label/Color	1 - Stereo Channel Num	Stereo Channel	1	–	s:	string					See Table 3
Stereo Channel	Label Icon	set	MIXER:Current/St/Label/Icon	1 - Stereo Channel Num	Stereo Channel	1	–	s:	string					See Table 4
Stereo Channel	To Matrix Level	set	MIXER:Current/St/ToMtrx/Level	1 - Stereo Channel Num	Stereo Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-32768	1000	100	dB	
Stereo Channel	To Matrix On	set	MIXER:Current/St/ToMtrx/On	1 - Stereo Channel Num	Stereo Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Stereo Channel	To Matrix Pan	set	MIXER:Current/St/ToMtrx/Pan	1 - Stereo Channel Num	Stereo Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	-63	63			See Table 2
Stereo Channel	To Matrix Pre Post	set	MIXER:Current/St/ToMtrx/PrePost	1 - Stereo Channel Num	Stereo Channel	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Stereo Channel	DCA Group Assign	set	MIXER:Current/St/DCA/Assign	1 - Stereo Channel Num	Stereo Channel	1 - DCA Group Num	DCA Group	i:	integer	0	1			0: OFF, 1: ON
Stereo Channel	Cue Stereo Channel On	set	MIXER:Current/Cue/St/On	1 - Stereo Channel Num	Stereo Channel	1 - Cue A/B Num	-	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Fader Level	set	MIXER:Current/Mtrx/Fader/Level	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	-32768	1000	100	dB	See Table 1
Matrix Channel	Fader On	set	MIXER:Current/Mtrx/Fader/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Label Name	set	MIXER:Current/Mtrx/Label/Name	1 - Matrix Channel Num	Matrix Channel	1	–	s:	string					Maximum length: 8 characters.

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Matrix Channel	Label Color	set	MIXER:Current/Mtrx/Label/Color	1 - Matrix Channel Num	Matrix Channel	1	–	s:	string					See Table 3
Matrix Channel	Label Icon	set	MIXER:Current/Mtrx/Label/Icon	1 - Matrix Channel Num	Matrix Channel	1	–	s:	string					See Table 4
Matrix Channel	HPF On	set	MIXER:Current/Mtrx/HPF/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	HPF Frequency	set	MIXER:Current/Mtrx/HPF/Freq	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	200	200000	10	Hz	
Matrix Channel	HPF Slope	set	MIXER:Current/Mtrx/HPF/Slope	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	6	24		dB/oct	
Matrix Channel	LPF On	set	MIXER:Current/Mtrx/LPF/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	LPF Frequency	set	MIXER:Current/Mtrx/LPF/Freq	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	200	200000	10	Hz	20Hz - 20kHz
Matrix Channel	LPF Slope	set	MIXER:Current/Mtrx/LPF/Slope	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	6	12		dB/oct	
Matrix Channel	PEQ Bank Select	set	MIXER:Current/Mtrx/PEQ/BankSelect	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: Bank A, 1: Bank B
Matrix Channel	PEQ On	set	MIXER:Current/Mtrx/PEQ/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	PEQ Type	set	MIXER:Current/Mtrx/PEQ/Type	1 - Matrix Channel Num	Matrix Channel	1	–	s:	string					“PRECISE”, “AGGRESSIVE”, “SMOOTH”, “LEGACY”
Matrix Channel	PEQ Band Bypass	set	MIXER:Current/Mtrx/PEQ/Band/Bypass	1 - Matrix Channel Num	Matrix Channel	1 - PEQ Matrix Band Num	PEQ Matrix Band	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	PEQ Band Frequency	set	MIXER:Current/Mtrx/PEQ/Band/Freq	1 - Matrix Channel Num	Matrix Channel	1 - PEQ Matrix Band Num	PEQ Matrix Band	i:	integer	200	200000	10		
Matrix Channel	PEQ Band Gain	set	MIXER:Current/Mtrx/PEQ/Band/Gain	1 - Matrix Channel Num	Matrix Channel	1 - PEQ Matrix Band Num	PEQ Matrix Band	i:	integer	-1800	1800	10		
Matrix Channel	PEQ Band Q	set	MIXER:Current/Mtrx/PEQ/Band/Q	1 - Matrix Channel Num	Matrix Channel	1 - PEQ Matrix Band Num	PEQ Matrix Band	i:	integer	100	16000	1000		
Matrix Channel	PEQ High Shelving On	set	MIXER:Current/Mtrx/PEQ/HighShelving/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	PEQ Low Shelving On	set	MIXER:Current/Mtrx/PEQ/LowShelving/On	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Pan Link	set	MIXER:Current/Mtrx/PanLink	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Output Balance	set	MIXER:Current/Mtrx/Out/Balance	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	-63	63			
Matrix Channel	DCA Group Assign	set	MIXER:Current/Mtrx/DCA/Assign	1 - Matrix Channel Num	Matrix Channel	1 - DCA Group Num	DCA Group	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Cue Matrix Channel On	set	MIXER:Current/Cue/Mtrx/On	1 - Matrix Channel Num	Matrix Channel	1 - Cue A/B Num	-	i:	integer	0	1			0: OFF, 1: ON
Matrix Channel	Output Channel Link Assign	set	MIXER:Current/OutputChLink/Mtrx/Assign	1 - Matrix Channel Num	Matrix Channel	1	–	i:	integer	0	52			0: NONE, 1: A, … 52: z
DCA Group	Fader Level	set	MIXER:Current/DCA/Fader/Level	1 - DCA Group Num	DCA Group	1	–	i:	integer	-32768	1000	100	dB	See Table 1
DCA Group	Fader On	set	MIXER:Current/DCA/Fader/On	1 - DCA Group Num	DCA Group	1	–	i:	integer	0	1			0: OFF, 1: ON
DCA Group	Label Name	set	MIXER:Current/DCA/Label/Name	1 - DCA Group Num	DCA Group	1	–	s:	string					Maximum length: 8 characters.
DCA Group	Label Color	set	MIXER:Current/DCA/Label/Color	1 - DCA Group Num	DCA Group	1	–	s:	string					See Table 3
DCA Group	Label Icon	set	MIXER:Current/DCA/Label/Icon	1 - DCA Group Num	DCA Group	1	–	s:	string					See Table 4

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
DCA Group	Cue DCA Group On	set	MIXER:Current/Cue/DCA/On	1 - DCA Group Num	DCA Group	1 - Cue A/B Num	-	i:	integer	0	1			0: OFF, 1: ON
Mute Group Control	On	set	MIXER:Current/MuteGrpCtrl/On	1 - Mute Group Num	Mute Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Mute Group Control	Label Name	set	MIXER:Current/MuteGrpCtrl/Label/Name	1 - Mute Group Num	Mute Group	1	–	s:	string					Maximum length: 8 characters.
Input Channel Link	Link Param EQ	set	MIXER:Current/InputChLink/LinkParams/EQ	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Insert	set	MIXER:Current/InputChLink/LinkParams/Insert	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Fader	set	MIXER:Current/InputChLink/LinkParams/Fader	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Channel On	set	MIXER:Current/InputChLink/LinkParams/ChOn	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param To Stereo	set	MIXER:Current/InputChLink/LinkParams/ToSt	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param DCA	set	MIXER:Current/InputChLink/LinkParams/DCA	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Mute	set	MIXER:Current/InputChLink/LinkParams/Mute	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Matrix Send	set	MIXER:Current/InputChLink/LinkParams/MtrxSend	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Matrix Send On	set	MIXER:Current/InputChLink/LinkParams/MtrxSendOn	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param HA	set	MIXER:Current/InputChLink/LinkParams/HA	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param HPF	set	MIXER:Current/InputChLink/LinkParams/HPF	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Digital Gain	set	MIXER:Current/InputChLink/LinkParams/DigitalGain	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Direct Out	set	MIXER:Current/InputChLink/LinkParams/DirectOut	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Mix Send	set	MIXER:Current/InputChLink/LinkParams/MixSend	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Mix Send On	set	MIXER:Current/InputChLink/LinkParams/MixSendOn	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Delay	set	MIXER:Current/InputChLink/LinkParams/Delay	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Dynamics1	set	MIXER:Current/InputChLink/LinkParams/Dyna1	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param Dynamics2	set	MIXER:Current/InputChLink/LinkParams/Dyna2	1 - Input Channel Link Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param To Mix	set	MIXER:Current/InputChLink/SendParams/ToMix	1 - Input Channel Link Num	Link Group	1 - Mix Channel Num	Mix Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Param To Matrix	set	MIXER:Current/InputChLink/SendParams/ToMtrx	1 - Input Channel Link Num	Link Group	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param EQ	set	MIXER:Current/OutputChLink/LinkParams/EQ	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Insert	set	MIXER:Current/OutputChLink/LinkParams/Insert	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Fader	set	MIXER:Current/OutputChLink/LinkParams/Fader	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Channel On	set	MIXER:Current/OutputChLink/LinkParams/ChOn	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value> min	<value> max	value scaling	value unit	Comment
Output Channel Link	Link Param To Stereo	set	MIXER:Current/OutputChLink/LinkParams/ToSt	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param DCA	set	MIXER:Current/OutputChLink/LinkParams/DCA	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Mute	set	MIXER:Current/OutputChLink/LinkParams/Mute	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Matrix Send	set	MIXER:Current/OutputChLink/LinkParams/ MtrxSend	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Matrix Send On	set	MIXER:Current/OutputChLink/LinkParams/ MtrxSendOn	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param Dynamics1	set	MIXER:Current/OutputChLink/LinkParams/Dyna1	1 - Output Channel Link Group Num	Link Group	1	–	i:	integer	0	1			0: OFF, 1: ON
Output Channel Link	Link Param To Matrix	set	MIXER:Current/OutputChLink/SendParams/ToMtrx	1 - Output Channel Link Group Num	Link Group	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Solo Mode	set	MIXER:Current/Monitor/Surr/SoloMode	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor L On	set	MIXER:Current/Monitor/Surr/LOn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor R On	set	MIXER:Current/Monitor/Surr/ROn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor C On	set	MIXER:Current/Monitor/Surr/COn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor LFE On	set	MIXER:Current/Monitor/Surr/LFEOn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Ls On	set	MIXER:Current/Monitor/Surr/LsOn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Rs On	set	MIXER:Current/Monitor/Surr/RsOn	1		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Source Select	set	MIXER:Current/Monitor/Surr/SourceSelect	1		1	-	s:	string					See Table 7 Known issues on DM7 V1.60. 1. The monitor sources “Define 1” to “Define 8” cannot be set externally. 2. When the monitor source “Define 1” to “Define 8” is selected, “Define” is notified.”
Monitor	5.1 Surround Monitor Downmix Type	set	MIXER:Current/Monitor/DownMix/Type	1		1	-	s:	string					“Stereo”, “Mono”
Monitor	5.1 Surround Monitor Downmix L to L On	set	MIXER:Current/Monitor/DownMix/LToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix R to L On	set	MIXER:Current/Monitor/DownMix/RToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix C to L On	set	MIXER:Current/Monitor/DownMix/CToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix LFE to L On	set	MIXER:Current/Monitor/DownMix/LFEToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix Ls to L On	set	MIXER:Current/Monitor/DownMix/LsToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix Rs to L On	set	MIXER:Current/Monitor/DownMix/RsToLOn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix L to R On	set	MIXER:Current/Monitor/DownMix/LToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix R to R On	set	MIXER:Current/Monitor/DownMix/RToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON

Category	Parameter Description	<Action>	<Parameter ID>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Monitor	5.1 Surround Monitor Downmix C to R On	set	MIXER:Current/Monitor/DownMix/CToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix LFE to R On	set	MIXER:Current/Monitor/DownMix/LFEToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix Ls to R On	set	MIXER:Current/Monitor/DownMix/LsToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix Rs to R On	set	MIXER:Current/Monitor/DownMix/RsToROn	1 - Downmix A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	5.1 Surround Monitor Downmix L to LR Level	set	MIXER:Current/Monitor/DownMix/LToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix R to LR Level	set	MIXER:Current/Monitor/DownMix/RToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix C to LR Level	set	MIXER:Current/Monitor/DownMix/CToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix LFE to LR Level	set	MIXER:Current/Monitor/DownMix/LFEToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix Ls to LR Level	set	MIXER:Current/Monitor/DownMix/LsToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix Rs to LR Level	set	MIXER:Current/Monitor/DownMix/RsToLRLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	5.1 Surround Monitor Downmix Main Level	set	MIXER:Current/Monitor/DownMix/MainLevel	1 - Downmix A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	Monitor On	set	MIXER:Current/Monitor/On	1 - Monitor A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	Monitor Dimmer On	set	MIXER:Current/Monitor/DimmerOn	1 - Monitor Dimmer A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	Monitor Phones Level Link	set	MIXER:Current/Monitor/PhonesLevelLink	1 - Monitor A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	Monitor Cue Interruption	set	MIXER:Current/Monitor/CueInterruption	1 - Monitor A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Monitor	Monitor Fader Level	set	MIXER:Current/Monitor/Fader/Level	1 - Monitor A/B Num		1	-	i:	integer	-32768	0	100	dB	
Monitor	Monitor Stereo Source Select	set	MIXER:Current/Monitor/St/SourceSelect	1 - Monitor A/B Num		1	-	i:	integer	0	7			Monitor Source No.1…7
Cue	5.1 Surround Cue Mode	set	MIXER:Current/Cue/Surr/CueMode	1		1	-	s:	string					“LAST”, “MIX”
Cue	Cue Out On	set	MIXER:Current/Cue/Out/On	1 - Cue A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Cue	Cue Mode	set	MIXER:Current/Cue/CueMode	1 - Cue A/B Num		1	-	s:	string					“LAST”, “MIX”
Cue	Cue Input Channel Point	set	MIXER:Current/Cue/InCh/Point	1 - Cue A/B Num		1	-	s:	string					“PFL PRE FILTER”, “PFL PRE FADER”, “AFL”, “POST PAN”
Cue	Cue Output Channel Point	set	MIXER:Current/Cue/OutCh/Point	1 - Cue A/B Num		1	-	s:	string					“PFL”, “AFL”
Cue	Cue DCA Point	set	MIXER:Current/Cue/DCA/Point	1 - Cue A/B Num		1	-	s:	string					“PRE PAN”, “POST PAN”
Cue	Cue DCA Unity	set	MIXER:Current/Cue/DCA/Unity	1 - Cue A/B Num		1	-	i:	integer	0	1			0: OFF, 1: ON
Cue	Cue Out Level	set	MIXER:Current/Cue/Out/Level	1 - Cue A/B Num		1	-	i:	integer	-32768	0	100	dB	

Snapshot

OSC address: /yosc:req/<Action> <type tag> <Parameter ID> <value>

Category	Parameter Description	<Action>	<Parameter ID>	<type tag>	type tag	<value>		value		comment
						min	max	scaling	unit	
Scene	Recall Scene_A	ssrecallt_ex	scene_a	s:, s:,	string,string	0	499			
Scene	Get Current Scene_A Number	sscurrentt_ex	scene_a	s:	string					
Scene	Recall Scene_B	ssrecallt_ex	scene_b	s:, s:,	string,string	0	499			Split mode for the DM7 Series only.
Scene	Get Current Scene_B Number	sscurrentt_ex	scene_b	s:	string					Split mode for the DM7 Series only.

Event

OSC address: yosc:req/event <type tag> <Parameter ID>

Category	Parameter Description	<Parameter ID>	<type tag>	type tag	comment
Scene	Inc Recall Current Scene List	MIXER:Lib/Scene/RecallInc scene_a	s:, s:	string,string	
Scene	Dec Recall Current Scene List	MIXER:Lib/Scene/RecallDec scene_a	s:, s:	string,string	
Scene	Inc Recall Current Scene List	MIXER:Lib/Scene/RecallInc scene_b	s:, s:	string,string	Split mode for the DM7 Series only.
Scene	Dec Recall Current Scene List	MIXER:Lib/Scene/RecallDec scene_b	s:, s:	string,string	Split mode for the DM7 Series only.

2.2. Parameter Value Detail

Table 1 Fader Level					
Table No.	Parameter Value	Parameter String	Table No.	Parameter Value	Parameter String
0	-32768	"-∞"	22	-1000	"-10.00"
1	-13800	"-138.0"	23	-900	"-9.00"
2	-12000	"-120.0"	24	-800	"-8.00"
3	-10500	"-105.0"	25	-700	"-7.00"
4	-9000	"-90.00"	26	-600	"-6.00"
5	-7000	"-70.00"	27	-500	"-5.00"
6	-6000	"-60.00"	28	-400	"-4.00"
7	-5500	"-55.00"	29	-300	"-3.00"
8	-5000	"-50.00"	30	-200	"-2.00"
9	-4500	"-45.00"	31	-100	"-1.00"
10	-4000	"-40.00"	32	0	"0.00"
11	-3500	"-35.00"	33	100	"1.00"
12	-3000	"-30.00"	34	200	"2.00"
13	-2800	"-28.00"	35	300	"3.00"
14	-2600	"-26.00"	36	400	"4.00"
15	-2400	"-24.00"	37	500	"5.00"
16	-2200	"-22.00"	38	600	"6.00"
17	-2000	"-20.00"	39	700	"7.00"
18	-1800	"-18.00"	40	800	"8.00"
19	-1600	"-16.00"	41	900	"9.00"
20	-1400	"-14.00"	42	1000	"10.00"
21	-1200	"-12.00"			

Table 2 Pan/Balance		
Table No.	Parameter Value	Parameter String
0	-63	"L63"
1	-60	"L60"
2	-55	"L55"
3	-50	"L50"
4	-45	"L45"
5	-40	"L40"
6	-35	"L35"
7	-30	"L30"
8	-25	"L25"
9	-20	"L20"
10	-15	"L15"
11	-10	"L10"
12	-5	"L5"
13	0	"C"
14	5	"R5"
15	10	"R10"
16	15	"R15"
17	20	"R20"
18	25	"R25"
19	30	"R30"
20	35	"R35"
21	40	"R40"
22	45	"R45"
23	50	"R50"
24	55	"R55"
25	60	"R60"
26	63	"R63"

Table 3 Channel Color
"Blue"
"Green"
"Orange"
"Pink"
"Purple"
"Red"
"SkyBlue"
"Yellow"
"Cyan"
"Magenta"
"Off"

Table 4 Channel Icon		
“Kick”	“Strings”	“Monitor”
“Snare”	“Piano”	“Effect”
“Hi-Hat”	“Organ”	“Processor”
“TomTom”	“Keyboard”	“Media1”
“FloorTom”	“Male”	“Media2”
“Cymbal”	“Female”	“Media3”
“Drumkit”	“Choir”	“Video”
“Perc.”	“DynamicMic”	“Mixer”
“Mallets”	“CondenserMic”	“PC”
“A.Bass”	“InstMic”	“Audience”
“E.Bass”	“WirelessMic”	“ArrowLeft”
“BassAmp”	“Headset”	“ArrowRight”
“A.Guitar”	“SpeechMic”	“Exclamation”
“E.Guitar”	“DirectBox”	“Smile”
“GuitarAmp”	“Foh”	“Money”
“Trumpet”	“Speaker”	“Star1”
“Trombone”	“SubWoofer”	“Star2”
“Saxophone”	“Wedge”	“Blank”
“Flute”	“In-Ear”	

Table 5 HA Gain					
Table No.	Parameter Value	Parameter String	Table No.	Parameter Value	Parameter String
0	-600	“-6”	37	3100	“+31”
1	-500	“-5”	38	3200	“+32”
2	-400	“-4”	39	3300	“+33”
3	-300	“-3”	40	3400	“+34”
4	-200	“-2”	41	3500	“+35”
5	-100	“-1”	42	3600	“+36”
6	0	“0”	43	3700	“+37”
7	100	“+1”	44	3800	“+38”
8	200	“+2”	45	3900	“+39”
9	300	“+3”	46	4000	“+40”
10	400	“+4”	47	4100	“+41”
11	500	“+5”	48	4200	“+42”
12	600	“+6”	49	4300	“+43”
13	700	“+7”	50	4400	“+44”
14	800	“+8”	51	4500	“+45”
15	900	“+9”	52	4600	“+46”
16	1000	“+10”	53	4700	“+47”
17	1100	“+11”	54	4800	“+48”
18	1200	“+12”	55	4900	“+49”
19	1300	“+13”	56	5000	“+50”
20	1400	“+14”	57	5100	“+51”
21	1500	“+15”	58	5200	“+52”
22	1600	“+16”	59	5300	“+53”
23	1700	“+17”	60	5400	“+54”
24	1800	“+18”	61	5500	“+55”
25	1900	“+19”	62	5600	“+56”
26	2000	“+20”	63	5700	“+57”
27	2100	“+21”	64	5800	“+58”
28	2200	“+22”	65	5900	“+59”
29	2300	“+23”	66	6000	“+60”
30	2400	“+24”	67	6100	“+61”
31	2500	“+25”	68	6200	“+62”
32	2600	“+26”	69	6300	“+63”
33	2700	“+27”	70	6400	“+64”
34	2800	“+28”	71	6500	“+65”
35	2900	“+29”	72	6600	“+66”
36	3000	“+30”			

* For the DM5 Series, the supported HA gain range is limited to 0 dB to +64 dB (Parameter Value: 0 to 6400).

Table 6 Link Group
1: A
...
26: Z
27: a
...
52: z

Table 7 Surround Monitor Source Select
"Surr A"
"Surr B"
"Downmix A"
"Downmix B"
"Ext Surr5.1 1"
"Ext Surr5.1 2"
"Ext Surr5.1 3"
"Ext Surr5.1 4"
"Ext St 1"
"Ext St 2"
"Ext St 3"
"Ext St 4"
"Define"

	Max Channel Numbers	
	DM7/DM7 Compact	DM5/DM5 Compact
Input Channel	DM7: 120 DM7 Compact: 72	DM5: 60 DM5 Compact: 48
Stereo Input Channel	0	0
Fx Return Channel	0	0
Mix Channel	48	24
Stereo Channel	4	4
Matrix Channel	12	12
Fx Channel	0	0
Mute Group	12	12
Input Channel Link	53	53
Input Channel Link Group	52	52
Local Input	16	32
Stereo Bus	2	2
DCA Group	24	24
Output Channel Link	53	53
Output Channel Link Group	52	52
PEQ Inch Band	4	4
PEQ Mix Band	8	8
PEQ Matrix Band	8	8
Split Side	2	2
Prmnum Result	220	220
Downmix A/B	2	2
Cue A/B	2	1
Monitor A/B	2	1
Monitor Dimmer A/B	2	1