



DM7 シリーズ OSC仕様書

Version 1.0.0

OSC (Open Sound Control)とはネットワーク経由で電子楽器/音響機器などの制御情報を伝送するプロトコルです。このプロトコルを利用して、対応するDM7シリーズをリモートコントロールすることができます。本書ではこのプロトコルを用いてリモートコントロールするための接続と設定方法、そして必要なパラメーター情報について述べております。

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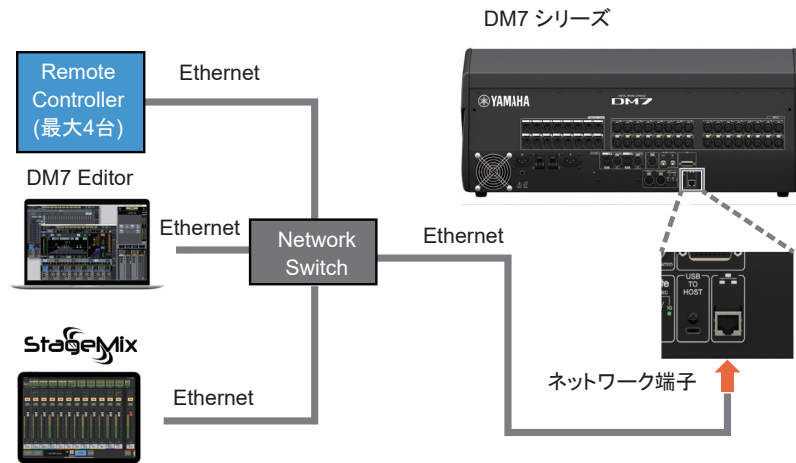
0. 改訂履歴

バージョン	変更日	項目	説明
V1.0.0	2023/11/1	-	初版

1. 設定

1.1. 接続方法

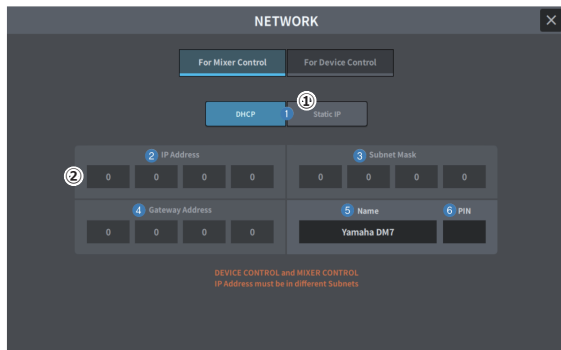
各機器のネットワーク端子に以下のようにコントローラーを接続します。制御対象機器はIPアドレスで指定します。DM7シリーズはリアパネルのネットワーク端子に接続してください。1つのDM7シリーズには最大4台のOSCリモートコントローラーが接続できます。



1.2. DM7シリーズの設定

IP アドレスの設定 :

EditorやStageMixと同じIP アドレスを使用します。
メニューバー内SETUPからNETWORK画面を開き、For Mixer Controlを選択します。



- ① Static IPを選択します。
- ② IPアドレスおよびサブネットマスクを設定してください。

1.3. リモートコントローラーの設定

DM7シリーズは、Ethernet(NETWORK端子) 経由で外部機器から制御できます。それぞれの接続において、リモートコントローラー側の設定は以下のとおりです。

IP Address : 制御したいDM7 シリーズのFor Mixer ControlのIPアドレスを指定
IP Port No. : UDP 49900

1.4. コマンド例

OSC Controllerで設定するコマンド例です。ここではtype tagを必要としないアプリケーション QLab のコマンド例を記載します。アプリケーションによってtype tagが必要になりますので、使用するアプリケーションの設定方法をご確認ください。

1.4.1. パラメーター設定例

インプットチャンネル1のフェーダーレベルを-∞に設定する

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y> range	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

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

コマンド: /yosc:req/set/MIXER:Current/InCh/Fader/Level/1/1 -32768

MIXチャンネル1のチャンネルカラーをピンクに設定する

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y> range	Y name	<type tag>	type tag	<value>		value		comment
										min	max	scaling	unit	
Mix Channel	Label Color	set	MIXER:Current/Mix/Label/Color	1 - Mix Channel Num	Mix Channel	1	-	s	string					See Table 3

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

コマンド: /yosc:req/set/MIXER:Current/Mix/Label/Color/1/1 Pink

※<Value>の“”はQLabでは不要です。

1.4.2. Snapshot設定例

SCENE 05 をリコールする

Category	Parameter Description	<Action>	<OSC address>	<type tag>	type tag	<value>		value		comment
						min	max	scaling	unit	
Scene	Recall Scene_A	ssrecall_ex	scene_a	s, i	string, integer	0	499	-	-	

書式: /yosc:req/<Action> <OSC address> <value>

コマンド: /yosc:req/ssrecallt_ex scene_a “5”

※DM7シリーズをDefaultモードで使用する際はscene_aを使用します。Splitモードを使用する際はAサイドはscene_a、Bサイドはscene_bを使用します。

2. パラメーター一覧

2.1. パラメーターリスト

書式: /yosc:req/<Action>/<Address>/<X>/<Y> <type tag> <value>

Category	Parameter Description	<Action>	<OSC address>	<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
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	-180	180	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
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

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
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	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
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	-180	180	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

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
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	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
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.
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

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
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	-180	180	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	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
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

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
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
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

Snapshot

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

Category	Parameter Description	<Action>	<OSC address>	<type tag>	type tag	<value>		value		comment
						min	max	scaling	unit	
Scene	Recall Scene_A	ssrecall_ex	scene_a	s, i:	string,integer	0	499			
Scene	Get Current Scene_A Number	sscurrent_ex	scene_a	s:	string					
Scene	Recall Scene_B	ssrecall_ex	scene_b	s, i:	string,integer	0	499			split mode only.
Scene	Get Current Scene_B Number	sscurrent_ex	scene_b	s:	string					split mode only.
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 only.
Scene	Get Current Scene_B Number	sscurrentt_ex	scene_b	s:	string					split mode only.

Events

書式 /yosc:req/event <type tag> <OSC address>

Category	Parameter Description	<OSC address>	<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 only.
Scene	Dec Recall Current Scene List	MIXER:Lib/Scene/RecallDec scene_b	s, s:	string,string	split mode only.

2.2. パラメーター値詳細

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"

"Blue"
"Green"
"Orange"
"Pink"
"Purple"
"Red"
"SkyBlue"
"Yellow"
"Cyan"
"Magenta"
"Off"

"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"	"SubWoofers"	"Star2"
"Saxophone"	"Wedge"	"Blank"
"Flute"	"In-Ear"	

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"			

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

DM7/DM7 Compact	Max Channel Numbers
Input Channel	DM7: 120 DM7 Compact: 72
Stereo Input Channel	0
Fx Return Channel	0
Mix Channel	48
Stereo Channel	4
Matrix Channel	12
Fx Channel	0
Mute Group	12
Input Channel Link	53
Input Channel Link Group	52
Local Input	16
Stereo Bus	2
DCA Group	24
Output Channel Link	53
Output Channel Link Group	52
PEQ Inch Band	4
PEQ Mix Band	8
PEQ Matrix Band	8
Split Side	2
Prmnum Result	153