



DM3 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DM3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。

目次

0. 改訂履歴	2
1. 設定	3
1.1. 接続方法.....	3
1.2. DM3シリーズの設定.....	3
1.3. リモートコントローラーの設定.....	3
1.4. コマンド例.....	3
1.4.1. パラメーター設定例.....	3
1.4.2. Snapshot設定例.....	3
2. パラメーター一覧	4
2.1. パラメーターリスト.....	4
2.2. パラメーター値詳細.....	9

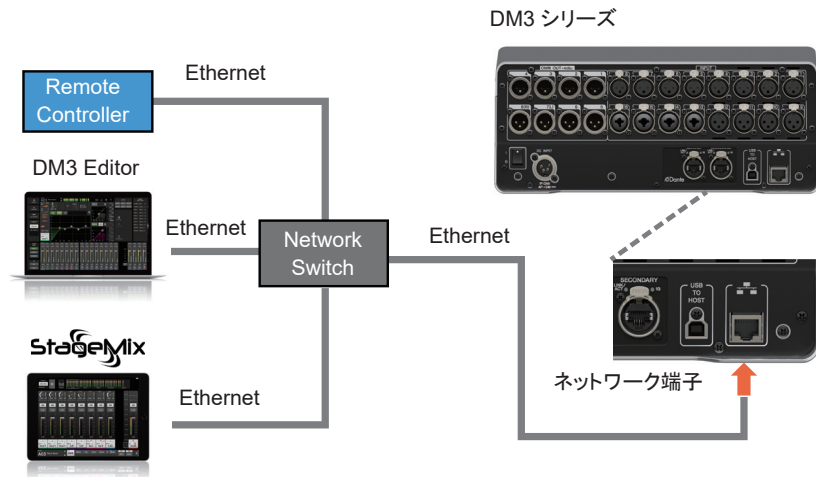
0. 改訂履歴

バージョン	変更日	項目	説明
V1.0.0	2023/5/9	-	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。DM3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DM3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。

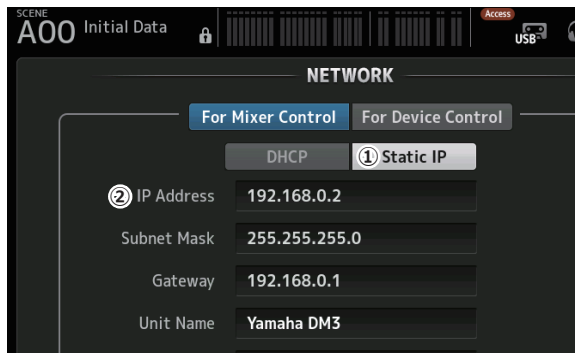


1.2. DM3シリーズの設定

IP アドレスの設定 :

StageMixやMonitorMixと同じIP アドレスを使用します。

ツールバー内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

DM3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DM3 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 A05 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	99			

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

コマンド: /yosc:req/ssrecall_ex "scene_a" 5

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 Bus Num	Stereo Channel	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	Label Category	set	MIXER:Current/InCh/Label/Category	1 - Input Channel Num	Input Channel	1	—	s:	string	See Table 5				
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	See Table 1
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 FX Level	set	MIXER:Current/InCh/ToFx/Level	1 - Input Channel Num	Input Channel	1 - Fx Channel Num	FX Channel	i:	integer	-32768	1000	100	dB	See Table 1
Input Channel	To FX On	set	MIXER:Current/InCh/ToFx/On	1 - Input Channel Num	Input Channel	1 - Fx Channel Num	FX Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel	To FX Pre Post	set	MIXER:Current/InCh/ToFx/PrePost	1 - Input Channel Num	Input Channel	1 - Fx Channel Num	FX 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	See Table 1
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
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	Input Channel Link Assign	set	MIXER:Current/InCh/Link/Assign	1 - Input Channel Num	Input Channel	1	—	i:	integer	0	9			0: NONE, 1: A ... 9: I
Stereo Input Channel	Fader Level	set	MIXER:Current/StInCh/Fader/Level	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
Stereo Input Channel	Fader On	set	MIXER:Current/StInCh/Fader/On	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To Stereo Pan	set	MIXER:Current/StInCh/ToSt/Pan	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-63	63			See Table 2
Stereo Input Channel	To Stereo On	set	MIXER:Current/StInCh/ToSt/On	1 - Stereo Input Channel Num	Stereo Input Channel	1 - Stereo Bus Num	Stereo Channel	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	Label Name	set	MIXER:Current/StInCh/Label/Name	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	s:	string					Maximum length: 8 characters.
Stereo Input Channel	Label Color	set	MIXER:Current/StInCh/Label/Color	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	s:	string	See Table 3				
Stereo Input Channel	Label Icon	set	MIXER:Current/StInCh/Label/Icon	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	s:	string	See Table 4				
Stereo Input Channel	Label Category	set	MIXER:Current/StInCh/Label/Category	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	s:	string	See Table 5				
Stereo Input Channel	To Mix Level	set	MIXER:Current/StInCh/ToMix/Level	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type	<value>		value		Comment
										min	max	scaling	unit	
Stereo Input Channel	To Mix On	set	MIXER:Current/StInCh/ToMix/On	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To Mix Pan	set	MIXER:Current/StInCh/ToMix/Pan	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-63	63			See Table 2
Stereo Input Channel	To Mix Pre Post	set	MIXER:Current/StInCh/ToMix/PrePost	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To FX Level	set	MIXER:Current/StInCh/ToFx/Level	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
Stereo Input Channel	To FX On	set	MIXER:Current/StInCh/ToFx/On	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To FX Pre Post	set	MIXER:Current/StInCh/ToFx/PrePost	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To Matrix Level	set	MIXER:Current/StInCh/ToMtrx/Level	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
Stereo Input Channel	To Matrix On	set	MIXER:Current/StInCh/ToMtrx/On	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	To Matrix Pan	set	MIXER:Current/StInCh/ToMtrx/Pan	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	-63	63			See Table 2
Stereo Input Channel	To Matrix Pre Post	set	MIXER:Current/StInCh/ToMtrx/PrePost	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
Stereo Input Channel	Input Channel Link Assign	set	MIXER:Current/InputChLink/StInCh/Assign	1 - Stereo Input Channel Num	Stereo Input Channel	1	—	i:	integer	0	9			0: NONE, 1: A … 9: I
FX Return Channel	Fader Level	set	MIXER:Current/FxRtnCh/Fader/Level	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
FX Return Channel	Fader On	set	MIXER:Current/FxRtnCh/Fader/On	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To Stereo Pan	set	MIXER:Current/FxRtnCh/ToSt/Pan	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-63	63			See Table 2
FX Return Channel	To Stereo On	set	MIXER:Current/FxRtnCh/ToSt/On	1 - Fx Return Channel Num	FX Return Channel	1 - Stereo Bus Num	Stereo Channel	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	Label Name	set	MIXER:Current/FxRtnCh/Label/Name	1 - Fx Return Channel Num	FX Return Channel	1	—	s:	string					Maximum length: 8 characters.
FX Return Channel	Label Color	set	MIXER:Current/FxRtnCh/Label/Color	1 - Fx Return Channel Num	FX Return Channel	1	—	s:	string	See Table 3				
FX Return Channel	Label Icon	set	MIXER:Current/FxRtnCh/Label/Icon	1 - Fx Return Channel Num	FX Return Channel	1	—	s:	string	See Table 4				
FX Return Channel	Label Category	set	MIXER:Current/FxRtnCh/Label/Category	1 - Fx Return Channel Num	FX Return Channel	1	—	s:	string					"FX RTN"
FX Return Channel	To Mix Level	set	MIXER:Current/FxRtnCh/ToMix/Level	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
FX Return Channel	To Mix On	set	MIXER:Current/FxRtnCh/ToMix/On	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To Mix Pan	set	MIXER:Current/FxRtnCh/ToMix/Pan	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-63	63			See Table 2
FX Return Channel	To Mix Pre Post	set	MIXER:Current/FxRtnCh/ToMix/PrePost	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To FX Level	set	MIXER:Current/FxRtnCh/ToFx/Level	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
FX Return Channel	To FX On	set	MIXER:Current/FxRtnCh/ToFx/On	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To FX Pre Post	set	MIXER:Current/FxRtnCh/ToFx/PrePost	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To Matrix Level	set	MIXER:Current/FxRtnCh/ToMtrx/Level	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1

Category	Parameter Description	<Action>	<OSC address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
FX Return Channel	To Matrix On	set	MIXER:Current/FxRtnCh/ToMtrx/On	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	To Matrix Pan	set	MIXER:Current/FxRtnCh/ToMtrx/Pan	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	-63	63			See Table 2
FX Return Channel	To Matrix Pre Post	set	MIXER:Current/FxRtnCh/ToMtrx/PrePost	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Return Channel	Input Channel Link Assign	set	MIXER:Current/InputChLink/FxRtnCh/Assign	1 - Fx Return Channel Num	FX Return Channel	1	—	i:	integer	0	9			0: NONE, 1: A ... 9: I
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 Bus 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			See Table 2
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	Label Category	set	MIXER:Current/Mix/Label/Category	1 - Mix Channel Num	Mix Channel	1	—	s:	string	See Table 6				
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	See Table 1
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
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			See Table 2
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	Label Category	set	MIXER:Current/St/Label/Category	1 - Stereo Channel Num	Stereo Channel	1	—	s:	string	See Table 6				
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	See Table 1
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

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	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	Label Category	set	MIXER:Current/Mtrx/Label/Category	1 - Matrix Channel Num	Matrix Channel	1	—	s:	string	See Table 6				
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			See Table 2
FX Channel	Fader Level	set	MIXER:Current/Fx/Fader/Level	1 - Fx Channel Num	FX Channel	1	—	i:	integer	-32768	1000	100	dB	See Table 1
FX Channel	Fader On	set	MIXER:Current/Fx/Fader/On	1 - Fx Channel Num	FX Channel	1	—	i:	integer	0	1			0: OFF, 1: ON
FX Channel	Label Name	set	MIXER:Current/Fx/Label/Name	1 - Fx Channel Num	FX Channel	1	—	s:	string					Maximum length: 8 characters.
FX Channel	Label Color	set	MIXER:Current/Fx/Label/Color	1 - Fx Channel Num	FX Channel	1	—	s:	string	See Table 3				
FX Channel	Label Icon	set	MIXER:Current/Fx/Label/Icon	1 - Fx Channel Num	FX Channel	1	—	s:	string	See Table 4				
FX Channel	Label Category	set	MIXER:Current/Fx/Label/Category	1 - Fx Channel Num	FX Channel	1	—	s:	string	See Table 6				
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 Parameter EQ	set	MIXER:Current/InputChLink/LinkParams/EQ	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Fader	set	MIXER:Current/InputChLink/LinkParams/Fader	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Channel On	set	MIXER:Current/InputChLink/LinkParams/ChOn	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter To Stereo	set	MIXER:Current/InputChLink/LinkParams/ToSt	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Mute	set	MIXER:Current/InputChLink/LinkParams/Mute	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Matrix Send	set	MIXER:Current/InputChLink/LinkParams/MtrxSend	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Matrix Send On	set	MIXER:Current/InputChLink/LinkParams/MtrxSendOn	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter FX Send	set	MIXER:Current/InputChLink/LinkParams/FxSend	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter FX Send On	set	MIXER:Current/InputChLink/LinkParams/FxSendOn	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter HA	set	MIXER:Current/InputChLink/LinkParams/HA	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter HPF	set	MIXER:Current/InputChLink/LinkParams/HPF	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Digital Gain	set	MIXER:Current/InputChLink/LinkParams/DigitalGain	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Mix Send	set	MIXER:Current/InputChLink/LinkParams/MixSend	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Mix Send On	set	MIXER:Current/InputChLink/LinkParams/MixSendOn	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Delay	set	MIXER:Current/InputChLink/LinkParams/Delay	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Dynamics1	set	MIXER:Current/InputChLink/LinkParams/Dyna1	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter Dynamics2	set	MIXER:Current/InputChLink/LinkParams/Dyna2	1 - 9	Link Group	1	—	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter To Mix	set	MIXER:Current/InputChLink/SendParams/ToMix	1 - 9	Link Group	1 - Mix Channel Num	Mix Channel	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 Parameter To Matrix	set	MIXER:Current/InputChLink/SendParams/ToMtrx	1 - 9	Link Group	1 - Matrix Channel Num	Matrix Channel	i:	integer	0	1			0: OFF, 1: ON
Input Channel Link	Link Parameter To Fx	set	MIXER:Current/InputChLink/SendParams/ToFx	1 - 9	Link Group	1 - Fx Channel Num	FX Channel	i:	integer	0	1			0: OFF, 1: ON
Local I/O Control	Local Input HA Gain	set	IO:Current/InCh/HAGain	1 - Local Input Num	Input Channel	1	—	i:	integer	0	64		dB	See Table 7
Local I/O Control	Local Input 48V On	set	IO:Current/InCh/48VOn	1 - Local Input Num	Input Channel	1	—	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	99			
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	99			
Scene	Get Current Scene_B Number	sscurrent_ex	scene_b	s:	string					

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"	

"----
"Vocal"
"Drums"
"Guitars"
"Keys"
"Horns"
"Strings"
"Spoken"
"FX RTN"
"Others"

"----
"FX"
"Output"
"Others"

Table 7 HA Gain

Table No.	Parameter Value	Parameter String	Table No.	Parameter Value	Parameter String
0	0	"0"	33	33	"+33"
1	1	"+1"	34	34	"+34"
2	2	"+2"	35	35	"+35"
3	3	"+3"	36	36	"+36"
4	4	"+4"	37	37	"+37"
5	5	"+5"	38	38	"+38"
6	6	"+6"	39	39	"+39"
7	7	"+7"	40	40	"+40"
8	8	"+8"	41	41	"+41"
9	9	"+9"	42	42	"+42"
10	10	"+10"	43	43	"+43"
11	11	"+11"	44	44	"+44"
12	12	"+12"	45	45	"+45"
13	13	"+13"	46	46	"+46"
14	14	"+14"	47	47	"+47"
15	15	"+15"	48	48	"+48"
16	16	"+16"	49	49	"+49"
17	17	"+17"	50	50	"+50"
18	18	"+18"	51	51	"+51"
19	19	"+19"	52	52	"+52"
20	20	"+20"	53	53	"+53"
21	21	"+21"	54	54	"+54"
22	22	"+22"	55	55	"+55"
23	23	"+23"	56	56	"+56"
24	24	"+24"	57	57	"+57"
25	25	"+25"	58	58	"+58"
26	26	"+26"	59	59	"+59"
27	27	"+27"	60	60	"+60"
28	28	"+28"	61	61	"+61"
29	29	"+29"	62	62	"+62"
30	30	"+30"	63	63	"+63"
31	31	"+31"	64	64	"+64"
32	32	"+32"			

Table 8 Link Group

1: A
2: B
...
9: I

DM3/DM3S	Max Channel Numbers
Input Channel	16
Stereo Input Channel	2
Fx Return Channel	4
Mix Channel	6
Stereo Channel	2
Matrix Channel	2
Fx Channel	2
Mute Group	6
Input Channel Link	10
Input Channel Link Group	9
Local Input	16
Stereo Bus	1
DCA Group	0
Output Channel Link	0
Output Channel Link Group	0
PEQ Inch Band	0
PEQ Mix Band	0
PEQ Matrix Band	0
Split Side	0
Pmnum Result	145