DME10
OSC Specifications

Version 3.0.0

This specification document applies to DME10 Firmware V3.00 and later.

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 DME10. This document describes the connection and setup procedure for remote control using this protocol and lists the necessary parameter information.

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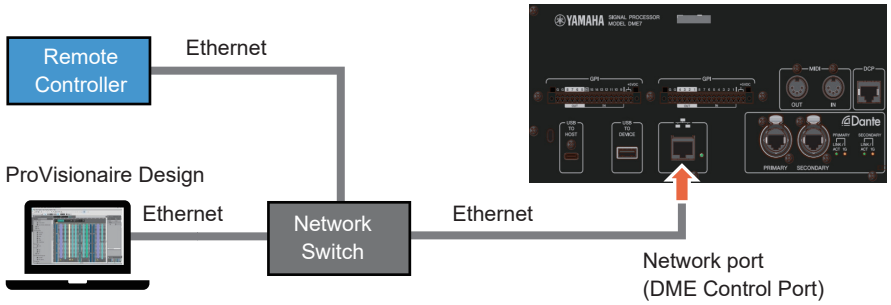
0. Revision History

Version	Date	Section	Description
V1.1.1	Jun. 11, 2025	-	Initial version
V3.0.0	Feb. 1, 2026	2.1	Added Audio Component Speech Privacy

1. Setup

1.1. Connection Procedure

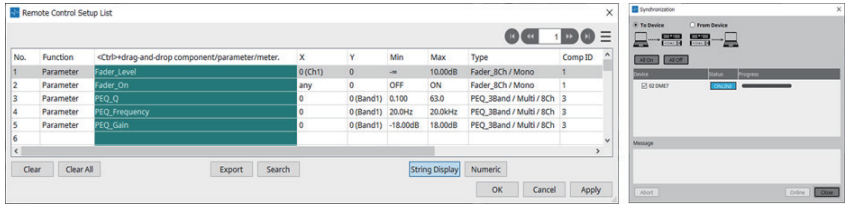
Connect each devices via the network terminal as shown below. The device to be controlled is specified by its IP address. Up to 8 remote controllers can be connected to one DME10.



1.2. DME10 Configuration

IP address setting:
Press the MENU/HOME key on the front panel, select Settings > IP Settings > DME Control Port, then specify the Network Mode, IP address, and subnet mask.
* They can also be set on ProVisionaire Design.

Remote Control Setup List setting:
DME10 parameters can be controlled after registering the parameters on the Remote Control Setup List of ProVisionaire Design and synchronizing and saving those settings on the DME10. See the ProVisionaire user manual for details.



1.3. Configuring the Remote Controller

DME10 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 the DME Control Port.
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. Parameter setting examples

Set the Ch2 Level of the Fader component (4Ch) registered on No.1 in the Remote Control Setup List to -∞

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		comment
										min	max	scaling	unit	
Fader	Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity - +10dB

Format: /yosc:req/<Action>/<Address>/<X>/<Y> <value>
Command: /yosc:req/set/PROC:Remote/1/1/1 -13801
* Specify "1" to X and Y for parameters with specified X and Y registered on the Remote Control Setup List.
* Specify a value to X and Y for parameters registered by specifying X and Y as "any" on the Remote Control Setup List.
* Specify the index number of the Remote Control Setup List for <IndexNo> in the <Address> argument of the command.

1.4.2. Snapshot setting example

Recall Snapshot No.10 of the Parameter Set ID 5000

Category	Parameter Description	<Action>	<type tag>	type tag	<value 1>		<value 2>		comment
					min	max	min	max	
Snapshot	Recall snapshot	ssrecall_ex	si:	string, int	"1"	"65535"	1	100	-

Format: /yosc:req/<Action> <value1> <value2>
Command: /yosc:req/ssrecall_ex "5000" 10

2. Parameter

2.1. Parameter List

Audio Component

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

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Dante Out	Polarity	set	PROC:Remote/<IndexNo>	1 - 16	Offset	1	-	i:	int	0	1	------	------	0: NORMAL, 1: INVERTED
Dante Out	Gain	set	PROC:Remote/<IndexNo>	1 - 16	Offset	1	-	i:	int	-9600	2400	100	dB	
USB Out	Polarity	set	PROC:Remote/<IndexNo>	1 - 8	USB Out	1	-	i:	int	0	1	------	------	0: NORMAL, 1: INVERTED
USB Out	Gain	set	PROC:Remote/<IndexNo>	1 - 8	USB Out	1	-	i:	int	-9600	2400	100	dB	
SD Card	Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Acoustic Echo Canceller	Reference Input Gain	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Acoustic Echo Canceller	Reference FE Delay	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	200	------	------	
Acoustic Echo Canceller	Reference Auto	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Acoustic Echo Canceller	Reference Delay Offset	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-50	50	------	------	
Acoustic Echo Canceller	Mic ON	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	1	------	------	
Acoustic Echo Canceller	Mic Input Gain	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Acoustic Echo Canceller	Mic Effect	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	3	------	------	0:Soft, 1:Medium, 2:Hard, 3:Custom
Acoustic Echo Canceller	Mic Linear AEC	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	3	------	------	
Acoustic Echo Canceller	Mic Noise Reduction	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	4	------	------	
Acoustic Echo Canceller	Mic Echo Suppressor	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	4	------	------	
Acoustic Echo Canceller	Mic Dereverberation	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	4	------	------	
Acoustic Echo Canceller	Mic Reverb Time	set	PROC:Remote/<IndexNo>	1 - 16	Mic	1	-	i:	int	0	20	10	s	
Ambient Noise Compensator	Ambient Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	0	100	dB	-Infinity = -13801
Ambient Noise Compensator	Gap Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	0	100	dB	-Infinity = -13801
Ambient Noise Compensator	Gap Time	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	50	10	s	
Ambient Noise Compensator	Program Max Gain	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1800	100	dB	
Ambient Noise Compensator	Program Min Gain	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-1800	0	100	dB	
Ambient Noise Compensator	Program Ratio	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	5	20	------	------	See "Ambient Noise Compensator".
Ambient Noise Compensator	Program Response Time	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	60	------	s	
Ambient Noise Compensator	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Audio Detector	Detect Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-90	0	------	dB	
Audio Detector	Detect Hold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	100	10	s	
Audio Detector	Detect HoldInfinity	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Audio Detector	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Auto Gain Control	Compensator Response Time	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	58	------	s	See "Auto Gain Control".
Auto Gain Control	Compensator Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	5	------	------	
Auto Gain Control	Compensator Noise Gate On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Auto Gain Control	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Room Combiner	BGM Source	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	0	3	------	------	0: BGM1, 1: BGM2, 2:BGM3, 3:BGM4
Room Combiner	BGM On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	0	1	------	------	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Room Combiner	BGM Level	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner	Paging On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	0	1	------	------	
Room Combiner	Paging Level	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner	RoomIn On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	0	1	------	------	
Room Combiner	RoomIn Level	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner	RoomOut On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	0	1	------	------	
Room Combiner	RoomOut Level	set	PROC:Remote/<IndexNo>	1 - 8	Room	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner	Combine On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	Master Override	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	Master Mute	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	MicsIn On	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	MicsIn Level	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner plus Automixer	BGM Source	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	3	------	------	0: BGM1, 1: BGM2, 2:BGM3, 3:BGM4
Room Combiner plus Automixer	BGM On	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	BGM Level	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner plus Automixer	Paging On	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	Paging Level	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner plus Automixer	RoomIn On	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	RoomIn Level	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	-13801	1000	100	dB	-Infinity = -13801
Room Combiner plus Automixer	RoomOut On	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	Combine On	set	PROC:Remote/<IndexNo>	1 - 8	Room	1 - 8	Room	i:	int	0	1	------	------	
Room Combiner plus Automixer	Mic Ch Mode	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	0	2	------	------	0: mute, 1: man, 2: auto
Room Combiner plus Automixer	Mic Ch Weight	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	-10000	1500	------	------	See "Combiner".
Room Combiner plus Automixer	Mic Ch Override	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	0	1	------	------	
DCA	Patch On	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1 - 8	DCA	i:	int	0	1	------	------	
DCA	Group On	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1 - 8	DCA	i:	int	0	1	------	------	
DCA	Group Offset	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1 - 8	DCA	i:	int	-13801	1000	100	dB	-Infinity = -13801
DCA	Min	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
DCA	Max	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Delay	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Delay	DelayTime	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1000000	1000	ms	
Dynamics - Compressor	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6000	0	100	dB	
Dynamics - Compressor	Ratio	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	10	201	10	------	See "Dynamics".
Dynamics - Compressor	Knee	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	5	------	------	See "Dynamics".
Dynamics - Compressor	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	120	------	ms	
Dynamics - Compressor	Release	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	3340	42700000	1000000	s	
Dynamics - Compressor	Gain	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-2000	4000	100	dB	
Dynamics - Compressor	KeyIn	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	65	------	------	See "Dynamics".
Dynamics - Compressor	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Dynamics - Comp260	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6000	0	100	dB	
Dynamics - Comp261	Ratio	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	100	65535	100	------	E.g.) 1.0:1 1.0 x 100 = 100 ∞:1 if the value exceeds 50000
Dynamics - Comp262	Knee	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	5	------	------	See "Dynamics".
Dynamics - Comp263	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	10	80000	1000	ms	
Dynamics - Comp264	Release	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	62	9990	10	ms	
Dynamics - Comp265	Gain	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-2000	4000	100	dB	
Dynamics - Comp266	KeyIn	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	65	------	------	See "Dynamics".
Dynamics - Comp267	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dynamics - Ducker	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-7200	0	100	dB	
Dynamics - Ducker	Range	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-32768	0	100	dB	-Infinity = less than -7200
Dynamics - Ducker	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	240	------	ms	
Dynamics - Ducker	Release	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	3340	42700000	1000000	s	
Dynamics - Ducker	Hold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	20	1960000	1000000	s	
Dynamics - Ducker	KeyIn	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	65	------	------	See "Dynamics".
Dynamics - Ducker	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dynamics - Gate	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-7200	0	100	dB	
Dynamics - Gate	Range	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-32768	0	100	dB	
Dynamics - Gate	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	120	------	ms	
Dynamics - Gate	Decay	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	3340	42700000	1000000	s	
Dynamics - Gate	Hold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	20	1960000	1000000	s	
Dynamics - Gate	KeyIn	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	65	------	------	See "Dynamics".
Dynamics - Gate	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dynamics - Limiter	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-7200	0	100	dB	
Dynamics - Limiter	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1200	10	ms	
Dynamics - Limiter	Release	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	3340	42700000	1000000	s	
Dynamics - Limiter	KeyIn	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	65	------	------	See "Dynamics".
Dynamics - Limiter	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dynamics - PagingDucker	Range	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-32768	0	100	dB	-Infinity = less than -6000
Dynamics - PagingDucker	Attack	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	100	10	s	
Dynamics - PagingDucker	Release	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	100	10	s	
Dynamics - PagingDucker	Hold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	100	10	s	
Dynamics - PagingDucker	Trigger	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dynamics - PagingDucker	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
REV-X	Type	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	2	------	------	0: HALL, 1: ROOM, 2: PLATE
REV-X	RevTime	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	69	------	------	See "REV-X".
REV-X	InitialDelay	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	2000	10	ms	
REV-X	Decay	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	63	------	------	
REV-X	RoomSize	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	31	------	------	
REV-X	Difussion	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	10	------	------	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
REV-X	HPF	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	52	------	Hz	See "REV-X".
REV-X	LPF	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	34	60	------	Hz	See "REV-X".
REV-X	HiRatio	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	10	10	------	
REV-X	LowRatio	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	14	10	------	
REV-X	LowFreq	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	59	------	Hz	See "REV-X".
REV-X	MixBal	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	100	------	%	
REV-X	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
GEQ	Limit	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	3	------	dB	0: +/-15, 1: +/-12, 2: +/-6, 3: -24
GEQ	HPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
GEQ	HPF Bypass	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
GEQ	LPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
GEQ	LPF Bypass	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
GEQ	Notch Frequency	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Notch Filter	i:	int	200	200000	10	Hz	
GEQ	Notch Bypass	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Notch Filter	i:	int	0	1	------	------	
GEQ	Notch Q	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Notch Filter	i:	int	100	63000	1000	------	
GEQ	GEQ Gain	set	PROC:Remote/<IndexNo>	1	-	1 - 32	Band	i:	int	-2400	1500	100	dB	
GEQ	GEQ Bypass	set	PROC:Remote/<IndexNo>	1	-	1 - 32	Band	i:	int	0	1	------	------	
GEQ	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
PEQ	Q	set	PROC:Remote/<IndexNo>	1	-	1 - 16	Band	i:	int	100	63000	1000	------	
PEQ	Frequency	set	PROC:Remote/<IndexNo>	1	-	1 - 16	Band	i:	int	200	200000	10	Hz	
PEQ	Gain	set	PROC:Remote/<IndexNo>	1	-	1 - 16	Band	i:	int	-1800	1800	100	dB	
PEQ	Bypass	set	PROC:Remote/<IndexNo>	1	-	1 - 16	Band	i:	int	0	1	------	------	
PEQ	Type	set	PROC:Remote/<IndexNo>	1	-	1 - 16	Band	i:	int	0	6	------	------	See "EQ".
PEQ	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Fader	Level	set	PROC:Remote/<IndexNo>	1 - 32	Ch	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Fader	On	set	PROC:Remote/<IndexNo>	1 - 32	Ch	1	-	i:	int	0	1	------	------	
Fader	Polarity	set	PROC:Remote/<IndexNo>	1 - 32	Ch	1	-	i:	int	0	1	------	------	
Notch FBS	Dynamic AutoDetect	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Notch FBS	Fixed On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Pitch Shift FBS	Mode	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	0: Speech, 1: Music
Pitch Shift FBS	Suppression	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	9	------	------	
Pitch Shift FBS	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
LPF	Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
LPF	FilterType	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	19	------	------	See "Filter".
LPF	Gc	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6	6	------	dB	
LPF	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
HPF	Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
HPF	FilterType	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	19	------	------	See "Filter".
HPF	Gc	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6	6	------	dB	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
HPF	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
BPF	LPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
BPF	LPF FilterType	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	19	------	------	See "Filter".
BPF	LPF Gc	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6	6	------	dB	
BPF	LPF Bypass	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
BPF	HPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
BPF	HPF FilterType	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	19	------	------	See "Filter".
BPF	HPF Gc	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-6	6	------	dB	
BPF	HPF Bypass	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
BPF	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Dugan Automixer	Master Override	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Group	i:	int	0	1	------	------	
Dugan Automixer	Master Mute	set	PROC:Remote/<IndexNo>	1	-	1 - 8	Group	i:	int	0	1	------	------	
Dugan Automixer	Ch Mode	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	0	2	------	------	See "Mixer".
Dugan Automixer	Ch Weight	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	-10000	1500	100	dB	
Dugan Automixer	Ch Group	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	0	7	------	------	See "Mixer".
Dugan Automixer	Ch Override	set	PROC:Remote/<IndexNo>	1 - 64	Ch	1	-	i:	int	0	1	------	------	
Delay Matrix	Level	set	PROC:Remote/<IndexNo>	1 - 64	In	1 - 128	Out	i:	int	-13801	1000	100	dB	-Infinity = -13801
Delay Matrix	On	set	PROC:Remote/<IndexNo>	1 - 64	In	1 - 128	Out	i:	int	0	1	------	------	
Delay Matrix	DelayTime	set	PROC:Remote/<IndexNo>	1 - 64	In	1 - 128	Out	i:	int	0	1000000	1000	ms	
Matrix Mixer	Level	set	PROC:Remote/<IndexNo>	1 - 256	In	1 - 256	Out	i:	int	-13801	1000	100	dB	-Infinity = -13801
Matrix Mixer	On	set	PROC:Remote/<IndexNo>	1 - 256	In	1 - 256	Out	i:	int	0	1	------	------	
Oscillator	Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-9600	0	100	dB	
Oscillator	Vari Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
Oscillator	Waveform	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	5	------	------	See "Oscillator".
Oscillator	HPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
Oscillator	HPF On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Oscillator	LPF Frequency	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	200	200000	10	Hz	
Oscillator	LPF On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Oscillator	Width	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	100	10000	------	------	
Oscillator	Interval	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	30	------	------	
Oscillator	On	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	
Polarity	Polarity	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	1	------	------	0: Normal, 1: Inverted
Router	Patch	set	PROC:Remote/<IndexNo>	1	-	1 - 256	Out	i:	int	0	256	------	------	
Source Selector	Source	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	1	16	------	------	
Source Selector	Selected Source Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Speech Privacy	SelectType	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Ch	i:	int	0	3	------	------	0: Forest, 1: River, 2: Street, 3: Building
Speech Privacy	MixRatio	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Ch	i:	int	10	70	------	------	
Speech Privacy	Level	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Ch	i:	int	-13801	0	100	dB	-Infinity = -13801
Speech Privacy	On	set	PROC:Remote/<IndexNo>	1	-	1 - 4	Ch	i:	int	0	1	------	------	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
Standard SPP	Input Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
Standard SPP	XOver LPF Frequency	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	200	200000	10	Hz	
Standard SPP	XOver LPF Type	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	19	------	------	See "Standard SPP/C-Series SPP (FIR)".
Standard SPP	XOver LPF Gc	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	-6	6	------	dB	
Standard SPP	XOver HPF Frequency	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	200	200000	10	Hz	
Standard SPP	XOver HPF Type	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	19	------	------	See "Standard SPP/C-Series SPP (FIR)".
Standard SPP	XOver HPF Gc	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	-6	6	------	dB	
Standard SPP	XOver Polarity	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1	------	------	0: Normal, 1: Inverted
Standard SPP	Center Frequency	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	200	200000	10	Hz	
Standard SPP	Delay On	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1	------	------	
Standard SPP	Delay Time	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	200000	1000	ms	
Standard SPP	EQ Type	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	0	9	------	------	See "Standard SPP/C-Series SPP (FIR)".
Standard SPP	EQ Frequency	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	200	200000	10	Hz	
Standard SPP	EQ Gain	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	-1800	1800	100	dB	
Standard SPP	EQ Q	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	100	63000	1000	------	
Standard SPP	EQ Bypass	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	0	1	------	------	
Standard SPP	EQ On	set	PROC:Remote/<IndexNo>	1 - 4	Way	1 - 16	Band	i:	int	0	1	------	------	
Standard SPP	PeakLimiter Threshold	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	10	5000	1	W	
Standard SPP	PeakLimiter Attack	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1200	10	ms	
Standard SPP	PeakLimiter Release	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	60000	1	ms	
Standard SPP	PeakLimiter On	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1	------	------	
Standard SPP	RMSLimiter Threshold	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	10	5000	1	W	
Standard SPP	RMSLimiter Attack	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	300	10	s	
Standard SPP	RMSLimiter Release	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	600	10	s	
Standard SPP	RMSLimiter On	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1	------	------	
Standard SPP	Output Level	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	-13801	1000	100	dB	
Standard SPP	Output Mute	set	PROC:Remote/<IndexNo>	1 - 4	Way	1	-	i:	int	0	1	------	------	
C-Series SPP(FIR)	Input Level	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-13801	1000	100	dB	-Infinity = -13801
C-Series SPP(FIR)	XOver LPF Frequency	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	200	200000	10	Hz	
C-Series SPP(FIR)	XOver LPF Type	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	19	------	------	See "Standard SPP/C-Series SPP (FIR)".
C-Series SPP(FIR)	XOver LPF Gc	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	-6	6	------	dB	
C-Series SPP(FIR)	XOver HPF Frequency	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	200	200000	10	Hz	
C-Series SPP(FIR)	XOver HPF Type	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	19	------	------	See "Standard SPP/C-Series SPP (FIR)".
C-Series SPP(FIR)	XOver HPF Gc	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	-6	6	------	dB	
C-Series SPP(FIR)	XOver Polarity	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1	------	------	0: Normal, 1: Inverted
C-Series SPP(FIR)	Center Frequency	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	200	200000	10	Hz	
C-Series SPP(FIR)	Delay On	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1	------	------	

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		Comment
										min	max	scaling	unit	
C-Series SPP(FIR)	Delay Time	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	200000	1000	ms	
C-Series SPP(FIR)	EQ Type	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	0	9	------	------	See "Standard SPP/C-Series SPP (FIR)".
C-Series SPP(FIR)	EQ Frequency	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	200	200000	10	Hz	
C-Series SPP(FIR)	EQ Gain	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	-1800	1800	100	dB	
C-Series SPP(FIR)	EQ Q	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	100	63000	1000	------	
C-Series SPP(FIR)	EQ Bypass	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	0	1	------	------	
C-Series SPP(FIR)	EQ On	set	PROC:Remote/<IndexNo>	1 - 2	Way	1 - 16	Band	i:	int	0	1	------	------	
C-Series SPP(FIR)	PeakLimiter Threshold	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	10	5000	1	W	
C-Series SPP(FIR)	PeakLimiter Attack	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1200	10	ms	
C-Series SPP(FIR)	PeakLimiter Release	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	60000	1	ms	
C-Series SPP(FIR)	PeakLimiter On	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1	------	------	
C-Series SPP(FIR)	RMSLimiter Threshold	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	10	5000	1	W	
C-Series SPP(FIR)	RMSLimiter Attack	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	300	10	s	
C-Series SPP(FIR)	RMSLimiter Release	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	600	10	s	
C-Series SPP(FIR)	RMSLimiter On	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1	------	------	
C-Series SPP(FIR)	Output Level	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	-13801	1000	100	dB	
C-Series SPP(FIR)	Output Mute	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	1	------	------	
C-Series SPP(FIR)	FIR Mode	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	3	------	------	
C-Series SPP(FIR)	FIR SpeakerID	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	255	------	------	
C-Series SPP(FIR)	FIR Index	set	PROC:Remote/<IndexNo>	1 - 2	Way	1	-	i:	int	0	10	------	------	

Control Component

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

Category	Parameter Description	<Action>	<Address>	<X>	X name	<Y>	Y name	<type tag>	type tag	<value>		value		comment
										min	max	scaling	unit	
Input (Normalized Value) Button	On	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	0	1	------	------	0: NORMAL, 1: INVERTED
Input (Normalized Value) Radio Button	Sel	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	256	------	------	
Input (Normalized Value) Fader	Value	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	0	100	100	------	
Input (Value) Button	On	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	0	1	------	------	
Input (Value) Radio Button	Sel	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	0	256	------	------	
Input (Value) Fader	Value (dB)	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	-13801	1000	100	dB	
Input (Value) Fader	Value (Num)	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	-20000	20000	------	------	
Processing (Value) Multi Compare	Threshold	set	PROC:Remote/<IndexNo>	1	-	1	-	i:	int	-9000	0	100	dB	
Processing Delay	On	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	0	1	------	------	
Processing Suspend	On	set	PROC:Remote/<IndexNo>	1 - 16	Input	1	-	i:	int	0	1	------	------	
Processing Router	Patch	set	PROC:Remote/<IndexNo>	1	-	1 - 256	Out	i:	int	0	256	------	------	

Event

Format: /yosc:req/<Action> <type tag> <value1> <value2>

Category	Parameter Description	<Action>	<type tag>	type tag	<value1>	<value2>	comment
Audio Player	Specify a playback song	event	ss:	string,string	"PROC:AudioPlayerSetCurrentSong"	"index=<number>"	<number> : SD Card File Manager No
Audio Player	Transport operation	event	ss:	string,string	"PROC:AudioPlayerTransport"	"operation=stop"	Stop the song.
Audio Player	Transport operation	event	ss:	string,string	"PROC:AudioPlayerTransport"	"operation=play"	Play the song.
Audio Player	Transport operation	event	ss:	string,string	"PROC:AudioPlayerTransport"	"operation=prev"	Play the previous song.
Audio Player	Transport operation	event	ss:	string,string	"PROC:AudioPlayerTransport"	"operation=next"	Play the next song.

Snapshot

Format: /yosc:req/<Action> <type tag> <value1> <value2>

Category	Parameter Description	<Action>	<type tag>	type tag	<value1>		<value2>		comment
					min	max	min	max	
Snapshot	Recall snapshot	ssrecall_ex	si:	string, int	"1"	"65535"	1	100	<value1> : ParameterSet ID, <value2> : Snapshot No

Identify

Format: /yosc:req/<Action> <type tag> <value>

Category	Parameter Description	<Action>	<type tag>	type tag	<value1>		comment
					min	max	
Identify	Request identify	identify	i:	int	0	60	<value> 0 : Stop request, 1-60 : Seconds to be displayed

Device Mode

Format: /yosc:req/<Action> <type tag> <value>

Category	Parameter Description	<Action>	<type tag>	type tag	<value>
Device Mode	Change the device's operation mode	devmode	s:	string	"normal" or "emergency"

2.2. Parameter Value Detail

2.2.1. Ambient Noise Compensator

ANC Ratio

Value	Display
5	0.5:1
6	0.6:1
7	0.7:1
8	0.8:1
9	0.9:1
10	1.0:1
11	1.1:1
12	1.2:1
13	1.3:1
14	1.4:1
15	1.5:1
16	1.6:1
17	1.7:1
18	1.8:1
19	1.9:1
20	2.0:1

2.2.2. Auto Gain Control

Response Time

Value	Display	Value	Display
0	100msec	30	2.20sec
1	150msec	31	2.30sec
2	200msec	32	2.40sec
3	250msec	33	2.50sec
4	300msec	34	2.60sec
5	350msec	35	2.70sec
6	400msec	36	2.80sec
7	450msec	37	2.90sec
8	500msec	38	3.00sec
9	550msec	39	3.10sec
10	600msec	40	3.20sec
11	650msec	41	3.30sec
12	700msec	42	3.40sec
13	750msec	43	3.50sec
14	800msec	44	3.60sec
15	850msec	45	3.70sec
16	900msec	46	3.80sec
17	950msec	47	3.90sec
18	1.00sec	48	4.00sec
19	1.10sec	49	4.10sec
20	1.20sec	50	4.20sec
21	1.30sec	51	4.30sec
22	1.40sec	52	4.40sec
23	1.50sec	53	4.50sec
24	1.60sec	54	4.60sec
25	1.70sec	55	4.70sec
26	1.80sec	56	4.80sec
27	1.90sec	57	4.90sec
28	2.00sec	58	5.00sec
29	2.10sec		

2.2.3. Combiner

Room Combiner / Room Combiner plus Automixer

Source

Value	Display
0	BGM1
1	BGM2
2	BGM3
3	BGM4

Mode

Value	Display
0	Mute
1	Man
2	Auto

Weight

Value	Display
-3000	-100.0
-2950	-29.5
-2900	-29.0
-2850	-28.5
:	:
:	:
-100	-1.0
-50	-0.5
0	0.0
50	0.5
100	1.0
:	:
:	:
1350	13.5
1400	14.0
1450	14.5
1500	15.0

2.2.4. Dynamics

Ratio

Value	Display	Value	Display	Value	Display	Value	Display
10	1.0:1	48	4.8:1	86	8.6:1	124	12.4:1
11	1.1:1	49	4.9:1	87	8.7:1	125	12.5:1
12	1.2:1	50	5.0:1	88	8.8:1	126	12.6:1
13	1.3:1	51	5.1:1	89	8.9:1	127	12.7:1
14	1.4:1	52	5.2:1	90	9.0:1	128	12.8:1
15	1.5:1	53	5.3:1	91	9.1:1	129	12.9:1
16	1.6:1	54	5.4:1	92	9.2:1	130	13.0:1
17	1.7:1	55	5.5:1	93	9.3:1	131	13.1:1
18	1.8:1	56	5.6:1	94	9.4:1	132	13.2:1
19	1.9:1	57	5.7:1	95	9.5:1	133	13.3:1
20	2.0:1	58	5.8:1	96	9.6:1	134	13.4:1
21	2.1:1	59	5.9:1	97	9.7:1	135	13.5:1
22	2.2:1	60	6.0:1	98	9.8:1	136	13.6:1
23	2.3:1	61	6.1:1	99	9.9:1	137	13.7:1
24	2.4:1	62	6.2:1	100	10.0:1	138	13.8:1
25	2.5:1	63	6.3:1	101	10.1:1	139	13.9:1
26	2.6:1	64	6.4:1	102	10.2:1	140	14.0:1
27	2.7:1	65	6.5:1	103	10.3:1	141	14.1:1
28	2.8:1	66	6.6:1	104	10.4:1	142	14.2:1
29	2.9:1	67	6.7:1	105	10.5:1	143	14.3:1
30	3.0:1	68	6.8:1	106	10.6:1	144	14.4:1
31	3.1:1	69	6.9:1	107	10.7:1	145	14.5:1
32	3.2:1	70	7.0:1	108	10.8:1	146	14.6:1
33	3.3:1	71	7.1:1	109	10.9:1	147	14.7:1
34	3.4:1	72	7.2:1	110	11.0:1	148	14.8:1
35	3.5:1	73	7.3:1	111	11.1:1	149	14.9:1
36	3.6:1	74	7.4:1	112	11.2:1	150	15.0:1
37	3.7:1	75	7.5:1	113	11.3:1	151	15.1:1
38	3.8:1	76	7.6:1	114	11.4:1	152	15.2:1
39	3.9:1	77	7.7:1	115	11.5:1	153	15.3:1
40	4.0:1	78	7.8:1	116	11.6:1	154	15.4:1
41	4.1:1	79	7.9:1	117	11.7:1	155	15.5:1
42	4.2:1	80	8.0:1	118	11.8:1	156	15.6:1
43	4.3:1	81	8.1:1	119	11.9:1	157	15.7:1
44	4.4:1	82	8.2:1	120	12.0:1	158	15.8:1
45	4.5:1	83	8.3:1	121	12.1:1	159	15.9:1
46	4.6:1	84	8.4:1	122	12.2:1	160	16.0:1
47	4.7:1	85	8.5:1	123	12.3:1	161	16.1:1

Value	Display	Value	Display	Value	Display	Value	Display
162	16.2:1	172	17.2:1	182	18.2:1	192	19.2:1
163	16.3:1	173	17.3:1	183	18.3:1	193	19.3:1
164	16.4:1	174	17.4:1	184	18.4:1	194	19.4:1
165	16.5:1	175	17.5:1	185	18.5:1	195	19.5:1
166	16.6:1	176	17.6:1	186	18.6:1	196	19.6:1
167	16.7:1	177	17.7:1	187	18.7:1	197	19.7:1
168	16.8:1	178	17.8:1	188	18.8:1	198	19.8:1
169	16.9:1	179	17.9:1	189	18.9:1	199	19.9:1
170	17.0:1	180	18.0:1	190	19.0:1	200	20.0:1
171	17.1:1	181	18.1:1	191	19.1:1	201	∞:1

Knee

Value	Display
0	HARD
1	1
2	2
3	3
4	4
5	5

Keyin (Mono)

Value	Display
0	KeyIn
1	Self

Keyin (Stereo)

Value	Display
0	KeyIn
1	MaxIn
2	L
3	R

Keyin (Multi)

Value	Display	Value	Display	Value	Display	Value	Display
0	KeyIn	17	16	34	33	51	50
1	MaxIn	18	17	35	34	52	51
2	1	19	18	36	35	53	52
3	2	20	19	37	36	54	53
4	3	21	20	38	37	55	54
5	4	22	21	39	38	56	55
6	5	23	22	40	39	57	56
7	6	24	23	41	40	58	57
8	7	25	24	42	41	59	58
9	8	26	25	43	42	60	59
10	9	27	26	44	43	61	60
11	10	28	27	45	44	62	61
12	11	29	28	46	45	63	62
13	12	30	29	47	46	64	63
14	13	31	30	48	47	65	64
15	14	32	31	49	48		
16	15	33	32	50	49		

2.2.5. REV-X

Type

Value	Display
0	HALL
1	ROOM
2	PLATE

Hall/RevTime

Value	Display (sec)	Value	Display (sec)	Value	Display (sec)	Value	Display (sec)
0	0.279	20	2.140	40	4.000	60	12.100
1	0.372	21	2.230	41	4.100	61	13.000
2	0.466	22	2.330	42	4.190	62	14.000
3	0.559	23	2.420	43	4.280	63	14.900
4	0.652	24	2.510	44	4.380	64	15.800
5	0.745	25	2.610	45	4.470	65	16.800
6	0.838	26	2.700	46	4.560	66	17.700
7	0.931	27	2.790	47	4.660	67	18.600
8	1.020	28	2.890	48	5.120	68	23.300
9	1.120	29	2.980	49	5.590	69	27.900
10	1.210	30	3.070	50	6.050		
11	1.300	31	3.170	51	6.520		
12	1.400	32	3.260	52	6.980		
13	1.490	33	3.350	53	7.450		
14	1.580	34	3.450	54	7.920		
15	1.680	35	3.540	55	8.380		
16	1.770	36	3.630	56	8.850		
17	1.860	37	3.720	57	9.310		
18	1.960	38	3.820	58	10.200		
19	2.050	39	3.910	59	11.200		

Room/RevTime

Value	Display (sec)	Value	Display (sec)	Value	Display (sec)	Value	Display (sec)
0	0.409	20	3.130	40	5.860	60	17.700
1	0.545	21	3.270	41	6.000	61	19.100
2	0.681	22	3.410	42	6.130	62	20.400
3	0.818	23	3.540	43	6.270	63	21.800
4	0.954	24	3.680	44	6.410	64	23.200
5	1.090	25	3.820	45	6.540	65	24.500
6	1.230	26	3.950	46	6.680	66	25.900
7	1.360	27	4.090	47	6.810	67	27.300
8	1.500	28	4.220	48	7.500	68	34.100
9	1.640	29	4.360	49	8.180	69	40.900
10	1.770	30	4.500	50	8.860		
11	1.910	31	4.630	51	9.540		
12	2.040	32	4.770	52	10.200		
13	2.180	33	4.910	53	10.900		
14	2.320	34	5.040	54	11.600		
15	2.450	35	5.180	55	12.300		
16	2.590	36	5.320	56	12.900		
17	2.730	37	5.450	57	13.600		
18	2.860	38	5.590	58	15.000		
19	3.000	39	5.720	59	16.400		

Plate/RevTime

Value	Display (sec)	Value	Display (sec)	Value	Display (sec)	Value	Display (sec)
0	0.469	20	3.600	40	6.730	60	20.300
1	0.626	21	3.750	41	6.880	61	21.900
2	0.782	22	3.910	42	7.040	62	23.500
3	0.938	23	4.070	43	7.190	63	25.000
4	1.090	24	4.220	44	7.350	64	26.600
5	1.250	25	4.380	45	7.510	65	28.200
6	1.410	26	4.540	46	7.660	66	29.700
7	1.560	27	4.690	47	7.820	67	31.300
8	1.720	28	4.850	48	8.600	68	39.100
9	1.880	29	5.000	49	9.380	69	46.900
10	2.030	30	5.160	50	10.200		
11	2.190	31	5.320	51	10.900		
12	2.350	32	5.470	52	11.700		
13	2.500	33	5.630	53	12.500		
14	2.660	34	5.790	54	13.300		
15	2.820	35	5.940	55	14.100		
16	2.970	36	6.100	56	14.900		
17	3.130	37	6.260	57	15.600		
18	3.280	38	6.410	58	17.200		
19	3.440	39	6.570	59	18.800		

HPF/LPF/LowFreq

Value	Display (Hz)	Value	Display (Hz)	Value	Display (Hz)
0	Thru	21	225	42	2500
1	22	22	250	43	2800
2	25	23	280	44	3200
3	28	24	315	45	3600
4	32	25	355	46	4000
5	36	26	400	47	4500
6	40	27	450	48	5000
7	45	28	500	49	5600
8	50	29	560	50	6300
9	56	30	630	51	7000
10	63	31	700	52	8000
11	70	32	800	53	9000
12	80	33	900	54	10000
13	90	34	1000	55	11000
14	100	35	1100	56	12000
15	110	36	1200	57	14000
16	125	37	1400	58	16000
17	140	38	1600	59	18000
18	160	39	1800	60	Thru
19	180	40	2000		
20	200	41	2200		

* HPF 0 - 52, LPF : 34 - 60, LowFreq : 1 – 59

2.2.6. EQ

2.2.6.1. PEQ

Type

Value	Display
0	PEQ
1	L.SHELF 6dB/Oct
2	L.SHELF 12dB/Oct
3	H.SHELF 6dB/Oct
4	H.SHELF 12dB/Oct
5	HPF
6	LPF

2.2.7. Filter

2.2.7.1. HPF/LPF/BPF

HPF/LPF Type

Value	Display	Value	Display
0	Thru	10	24dB/Oct Butrwrth
1	6dB/Oct	11	24dB/Oct Bessel
2	12dB/Oct AdjustGc	12	24dB/Oct Linkwitz
3	12dB/Oct Butrwrth	13	36dB/Oct AdjustGc
4	12dB/Oct Bessel	14	36dB/Oct Butrwrth
5	12dB/Oct Linkwitz	15	36dB/Oct Bessel
6	18dB/Oct AdjustGc	16	48dB/Oct AdjustGc
7	18dB/Oct Butrwrth	17	48dB/Oct Butrwrth
8	18dB/Oct Bessel	18	48dB/Oct Bessel
9	24dB/Oct AdjustGc	19	48dB/Oct Linkwitz

2.2.8. Mixer

2.2.8.1. Dugan Automixer

Mode

Value	Display
0	Mute
1	Man
2	Auto

Group (2 - 4 Channel)

Value	Display
0	a
1	b

Group (5 - 8 Channel)

Value	Display
0	a
1	b
2	c
3	d

Group (9 - 64 Channel)

Value	Display
0	a
1	b
2	c
3	d
4	e
5	f
6	g
7	h

2.2.9. Oscillator

Waveform

Value	Display
0	SINE 100Hz
1	SINE 1kHz
2	SINE 10kHz
3	Pink
4	Burst
5	VARI

2.2.10. Standard SPP/C-Series SPP (FIR)

HPF/LPF Type

Value	Display
0	Thru
1	6dB/Oct
2	12dB ADJGC
3	12dB BUT
4	12dB BESSL
5	12dB L-R
6	18dB ADJGC
7	18dB BUT
8	18dB BESSL
9	24dB ADJGC
10	24dB BUT
11	24dB BESSL
12	24dB L-R
13	36dB ADJGC
14	36dB BUT
15	36dB BESSL
16	48dB ADJGC
17	48dB BUT
18	48dB BESSL
19	48dB L-R

EQ Type

Value	Display
0	PEQ
1	L.SHELF 6dB/Oct
2	L.SHELF 12dB/Oct
3	H.SHELF 6dB/Oct
4	H.SHELF 12dB/Oct
5	HPF
6	LPF
7	APF1
8	APF2
9	HORN