

Remote Inputs

Remote Input includes Analog Remotes, MIDI Remotes, DMX Remotes, and OSC.

To open the Remote Inputs window, press Menu and then In & Out .

Remote I	nputo														×
Analog Remotes															
Midi Remotes													Enable In	put	
DMX Remotes	Lock No	Name	Slot	Signal	Target	Fader	Key	Trigger Ön	Trigger Off	In From	In To	Out From	Out To	Enabled	Out
		New AnalogRemote													
osc															
le cont bloc						Immed									
insert Nev	калаюдкето	e Cut				Import									
				Oops											
MA	Admin(Fixt	ure]>												h	₽ 210.41

Remote Inputs window

There are four tabs: Analog Remotes, MIDI Remotes, DMX Remotes, and OSC.

Analog Remotes

The Analog Remotes tab is used to configure the DC Remote Control input on the rear panel.

Please read the **Connect Analog Remote Control topic** to learn more about the hardware part of the input.

• To add a new Analog Remote, tap New AnalogRemote.



Remote	mote Inputs															
Analog Remotes													Enable In	out		
Midi Remotes																
DMX Remotes	Lock No	Name	Slot	Signal	Target	Fader	Key	Trigger On	Trigger Off	In From	in To	Out From	Out To	Enabled		Out
	1	AnalogRemote 1	1	1				% 75.0	% 25.0	% 0.0	% 100.0	% 0.0	% 100.0	Yes	\$0.0	%0.0
OSC		New AnalogRemote														
Insert nev	v AnalogRemot	e Cut				Import										
	Delete	Сору		Oops		Export										
MA	Admin(Fixt	ure)>												£.		D

New Analog Remote

• Tap Target to assign the Target.

The Assignment Editor window opens.



Assignment Editor

• Select the target, e.g. a sequence.



Μ	M A Assignment Editor										
Emp	Empty Master Sequence Macro View World Menu Group Plugin										
Filter:	Filter: 📼 Clear										
Lock	No	Name	Scribble	Appearance	Auto Start	Auto Stop					
	1 (2)	Default			Yes	Yes					
	2 (4)	Sequence 2			Yes	Yes					
	3 (3)	Sequence 3			Yes	Yes					
	4 (3)	Sequence 4			Yes	Yes					
	5 (3)	Sequence 5			Yes	Yes					

• To select the Fader, tap Fader.

The Select Fader pop-up opens.



Select Fader 🗶
Master
х
ХА
ХВ
Temp
Rate
Speed
High
Low
Solo
Time

Select Fader pop-up

• To set the In From value of the rotary control to a new value, tap In From.

The In From pop-up opens.



Enter new val From [0 100	nter new value for 'In From'[0 100]									
Percent %	0.0									
7	8	9	+	Back	Del					
4	5	6	Thru	Home	End					
1	2	3	-	<	>					
0		*	/	+/-	%					
		Plea	ase	Clear	=					

In From pop-up

• To set the In To value of the rotary control to a new value, tap In To.

The In To pop-up opens.



Enter new val To'[0 100]	Enter new value for 'In To'[0 100]									
Percent 8	100.0									
7	8	9	+	Back	Del					
4	5	б	Thru	Home	End					
1	2	3	-	<	>					
0	•	*	/	+/-	%					
		Ple	ase	Clear	=					

In To pop-up

Remote	inputs															×
Analog Remotes																
Midi Remotes													Enable inj			
DMX Remotes	Lock No	Name	Slot	Signal	Target	Fader	Key	Trigg On	r Trigger Off	In From	In To	Out From	Out To	Enabled		Out
	1	AnalogRemote 1	1		Sequence 2	Master		% 75.	0 % 25.0	% 10.0	% 20.0	% 0.0	% 100.0	Yes	%0.0	%0.0
osc		New AnalogRemote														
Insert new	/ AnalogRem	ote Cut		Paste		Import										
				Oops												
MA	\Lambda 📼 Admin[Fixture]>															



DMX Remote

The DMX Remotes tab uses DMX channels as remote triggers. The DMX source can be the console itself.

• To adjust the settings for DMX, tap DMX.

The DMX settings window opens.

Remotel	inputs															×
Analog Remotes										_			P			
Midi Remotes																
DMX Remotes	Lock No	Name	Address	Resolution	Target	Fader	Key	Trigger On	Trigger Off	In From	In To	Out From	Out To	Enabled		Out
		New DmxRemote														
050																
					_											
Insert Ne	w DmxRemote			Paste		Import										
t				Oops												
MA	Admin(Fixt	ure]>													•	

DMX settings window

Please read the topic **Connect DMX** to learn more about the hardware part of the input.



MIDI Remote

The MIDI Remotes tab is used to receive MIDI notes as input.

• To adjust the settings for MIDI, tap MIDI.

The MIDI settings window opens.

Remote	nputs															×
Analog Remotes						Chow M	di Data in Si	eten Monit					Enable In			
Midi Remotes																
DMX Remotes	Lock No	Name	Target	Fader	Key	Trigger On	Trigger Off	In From	In To	Out From	Out To	Enabled	in	Out	Midi Channe	Midi Index
		New MidiRemote														
osc																
Insert Ne	w MidiRemote				limş	port									_	
I				Oops												
MA	Admin(Fixt	ure]>												h		

MIDI settings window



OSC

OSC is a client and server system that defines a message address pattern used to address elements in the receiving server.

The address system defines the location affected by different types of information - called Types. Relevant types could be: String, Float, Integer, True, and False.

The grandMA3 software supports OSC 1.1.

For more information about the OSC address, OSC type and OSC structure, see **<u>SendOSC keyword</u>**.

• To adjust the settings for OSC, tap OSC.

When receiving OSC messages, Input will highlight its title bar. When sending OSC messages, the title bar of Output will be highlighted.

Each configuration line for OSC can be used for input and/or output. These properties can be configured:

- Name: Sets the name for this configuration.
- Destination: Sets the IP address for sending OSC data. A specific IP address or a broadcast IP can be set.
- Mode: OSC packets can be sent via UDP or TCP.
- Port: Specifies the network port of the incoming and/or outgoing OSC packets.
- Prefix: A prefix can be set by the user if he needs to. A prefix can be used for example as a criterion for limiting the range of possible receivers, e.g. /lighting would only take packets with /lighting into account, and discard OSC packets with the /sound-prefix.
- Page: Specifies which OSC Address of incoming OSC messages is routed to pages.
- Fader: Specifies which OSC Address of incoming OSC messages is routed to faders.
- ExecutorKnob: Specifies which OSC Address of incoming OSC messages is routed to the mini encoders.
- Key: Specifies which OSC Address of incoming OSC messages is routed to keys.
- FaderRange: Specifies which OSC value range is used for the fader, e.g. FaderRange 255 sets OSC 0-255 to 100%.
- Receive: Specifies if OSC data (but no commands) shall be received.
- Send: Specifies if this OSC configuration sends OSC data (but no commands).
- ReceiveCmd: Specifies if commands for the command line will be received via OSC. This setting is independent of the general receive setting.
- SendCmd: Specifies if commands of the command line will be sent via OSC. This setting is independent of the general send setting.
- EchoInput: Specifies if the input data shall be displayed in the system monitor.
- EchoOutput: Specifies if the output data shall be displayed in the system monitor.

With the buttons

ReceiveAll, ReceiveNone, SendAll, SendNone, ReceiveCmdAll, ReceiveCmdNone, SendCmdAll and SendCmdNone

lines can be modified together for the properties Receive, Send, ReceiveCMD and SendCmd.



Hint: The addresses defined for Page, Prefix, Fader, ExecutorKnob, and Key are case-sensitive.

Remotel	ic lapute														
Analog Remotes	Interface	5k-m-10/160	054.00.140			Enable Ou	lput			Enable input					
Midi Remotes		Ethernet 2 (109.	234-20.149)												
DMX Remotes	Lock No	Name	Prefix	Page	Fader	ExecutorKnob	Key	FaderRange	Receive :	Send ReceiveCmd	SendCmd	EchoInput	EchoOutput		
	1	OSCData 1			211			255	Yes	No No	No	No	No		
OSC		New OSCData													
insert N	lew OSCData		Pa	ste	Import		ReceiveAll	s	endAll	ReceiveCmdAl	•	SendCm	idAll		
			00	ips -		R	eceiveNone	Se	ndNone	ReceiveCmdNor	ne -	SendCmd	None		
MA	Admin[Fix	ture]>									#				

OSC settings window

The most important OSC setting is the correct network configuration.

Make sure that the IP address, the network mode (UDP, TCP), and the port are correctly set.

Remote	Remote Inputs										
Analog Remotes		Interface									
Midi Remotes	Ethernet 2 (169.254.20.149)										
DMX Remotes	Lock	No	Name	Destination IP	Mode	Port					
		1	OSCData 1	169.254.255.255	TCP	8000					
OSC			New OSCData								



۲	Hint:
, <u> </u>	Please note that the port configuration is used for sending and receiving OSC data.