

Match RDM devices

After RDM (= Remote Device Management Protocol) is turned on the grandMA2 starts to discover RDM devices. The discovered RDM devices are displayed in the RDM devices window. On the left hand side there are the fixture types, on the right hand side the fixtures.

When working with parameters only you can skip the match RDM devices topic and continue with the topic <u>work with</u> <u>RDM parameters</u>.

To work with sensors or notifications the RDM devices have to match to the patch. That means you have to select which fixture of the patch belongs to which RDM fixture. Footprint and DMX address have to be the same.

There are two ways to match RDM devices:

- Match to Fixture manually
- Auto-Match by Patch

Match to fixture manually

The match to fixture manually is the preferred way when you are not sure if the MA Fixture and RDM Fixture have the same DMX address and the same DMX footprint. If you already double-checked the DMX address and the DMX footprint use the <u>auto-match by patch</u> function.

RDM Devices				Show	×	RDM
Discovered R	OM FixtureTypes	Discovered: 'Steinigke Showtechnic GmbH DMH-32 RGBW'				
Manufacturer	Model Desi 人	RDM UID	RDM Name	RDM Mode	RI 🔨	
Steinigke Show	DMH-32 (29AA010600C7 29AA01060097	DMH-32 RGBW the lamp on you	3 DMX 22 / Extended 3 3 DMX 22 / Extended 3	2 2	
					▼	
		<				
		RDM DMX	Address:	≠ MA2 Patch Ado	dress: -	
	▼	1 RDM DMX	Footprint:	对 MA2 FixtureTy	pe	
<		22 RDM (Got) Da	ta	Footprint: -	U	
Delete FixtureType		Auto-Patch Auto-Mat	ch h Identify	Match to Fixture		RDM Info
		Diagnost	ic	Unmatch		

Discovered RDM devices

Requirement: RDM is turned on.



- 1. To open the RDM devices window press Setup and tap under Show at Patch & Fixture Schedule. The Edit Setup opens.
- Tap in the lower right corner at RDM devices.
 The RDM devices window opens.
- 3. To select the fixture type you like to match tap at the corresponding fixture type under **Discovered RDM FixtureTypes**.
 - The fixtures of the selected fixture type are displayed on the right side of the RDM devices window.
- 4. To select the fixture tap at the fixture in the table on the right screen side.
- If you want to identify this fixture in the lighting-rig tap at Identify.
 The identify mode of the selected fixture starts. For more information about the identify mode see the fixtures manual.
- 6. If you have the to be matched fixture selected in the table tap at Match to Fixture.
 The Match to MA Fixture pop-up opens. This pop-up displays all fixtures in your patch.
 For a better overview you can:
 - Search in the green search field for fixture or channel ID.
 - Select in the title bar one of the patched layers.
 - Choose in the title bar if you want to see All fixtures, Unmatched fixtures or Current FixtureType only.

Match to MA Fixture			с	lay	sh /		×
	Fixture:			Cha	annel:		
Fixture ID	Channel ID	Fixture Type		Nam	ie	DMX Address	5
13	0	10 Stormy Ex	tended	Stormy	Ex 1	2.001	
14	0	20 Aleda Wasl	h K10 E)	ABK1Ex	BW 1	2.007	
15	0	12 Aleda B-EY	E K20 E	ABEK2E	BW 1	2.104	
16	0	13 SL Nitro 5:	10 16 Bi	SLN510)16 1	2.273	
17	0	14 SL Par 155	5 Zoom F	SLP55Z	216 1	2.279	
18	0	15 Robin 100	LEDBear	R1LEDB	m1 1	2.295	
19	0	16 Desire D22	Lustr +	D2Lu	D 1	2.330	
20	0	17 VL4000 Sp	ot 16 b	VL4000	DSE 1	2.338	
21	0	18 Dalis860 M	Mode 1	Dalis86	501	2.395	
							►
						Matc	h

Match to MA fixture pop-up



7. Tap in the table at the fixture you like to match and tap Match.



Important:

RDM universe and DMX universe has to be the same. If they are not the same, double-check the network configuration under **Setup -> Network -> MA Network Configuration** and / or the DMX wiring.

The patch of the selected fixtures matches to the RDM device. A successful match is indicated by green check marks in the field below the fixture table.

RDM Devices					Shov	N _n	×	RDM
Discovered RE	DM FixtureTypes	Discovered: 'Steinigke Showtechnic GmbH DMH-32 RGBW'						Enabled
Manufacturer	Model Des	RDM UID	RI	DM Name	RDM Mode	RI		
Steinigke Show	DMH-32 (29AA01060	OC7 DMH	1-32 RGBW	3 DMX 22 / Extend	ed 2		
		29AA01060	097 the	lamp on you	3 DMX 22 / Extend	ed 2		
		ᢦ RDM D	MX Add	ress:	= MA2 Patch /	Address	: n	·
	,	1.126			1.126		- 11	
	· · · · · · · · · · · · · · · · · · ·	🖌 🛹 RDM D	MX Foo	tprint:	= MA2 Fixture	Туре		
		22			Footprint: 22		U	
		LEDM (Got	L Data					
Delete FixtureType		Auto-Patch b	to-Match y Patch	Identify	Match to Fixture			RDM Info
		Di	agnostic		Unmatch			

Matched RDM devices

The fixtures are matched.

Auto-Match by Patch



Make sure that the MA Fixture and RDM Fixture have the same DMX address and the same DMX footprint. If they are not the same <u>match the fixture manually</u>.

The auto-match by patch is a fast way to match fixtures.

1. To open the RDM devices window press Setup and tap under Show at Patch & Fixture Schedule. The Edit Setup opens.



- 2. Tap in the lower right corner at **RDM devices**. The **RDM devices window** opens.
- 3. To select the fixture type you like to match tap under **Discovered RDM FixtureTypes** at the fixture type. The fixtures to the selected fixture type are displayed on the right side of the RDM devices window.
- 4. To select the fixture tap at the fixture in the table on the right screen side.
- If you want to identify this fixture in the lighting-rig tap at Identify.
 The identify mode of the selected fixture starts. For more information about the identify mode see the fixtures manual.
- 6. Tap Auto-Match by Patch .

The software checks if there is a matched MA fixture with the same DMX address and DMX footprint available. If a matched fixture is found the auto-match is successful. A successful match is indicated by green check marks in the field below the fixture table.

RDM Devices		Show All C	RDM			
Discovered RE	OM FixtureTypes	Discovered: 'Steinigke Showtechnic GmbH DMH-32 RGBW'				
Manufacturer	Model Des 人	RDM UID RDM Name RDM Mode R	<u>ן</u>			
Steinigke Show	DMH-32 (29AA010600C7 DMH-32 RGBW 3 DMX 22 / Extended 2	1			
		29AA01060097 the lamp on yol 3 DMX 22 7 Extended 2				
		▼]			
		>				
		✓ RDM DMX Address:	<u>]</u>			
		1.126 1.126				
	`	22 Footprint: 22				
		RDM (Got) Data				
Delete FixtureType		Auto-Patch Auto-Match Identify Match to Fixture	RDM Info			
		Diagnostic				

Matched RDM devices

