

AXUM Talkback Howto



17-1-2013

Source Configuration

Axum > Console 1-4 configuration > Source configuration

Nr	Label	Input				Processing preset	Trigger		Redlight								Monitor destination mute/dim																Related destination	
		1 (left)	2 (right)	Phantom	Pad		Gain	Start	Stop	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		
1	Mic1	Slot 4 ch 1	Slot 4 ch 1	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	y	n	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	CRM Phones	⊗	
2	Mic2	Slot 4 ch 2	Slot 4 ch 2	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Studio Phones	⊗	
3	Mic3	Slot 4 ch 3	Slot 4 ch 3	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Studio Phones	⊗	
4	Mic4	Slot 4 ch 4	Slot 4 ch 4	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Studio Phones	⊗	
5	Mic5	Slot 6 ch 1	Slot 6 ch 1	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	y	n	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
6	Mic6	Slot 6 ch 2	Slot 6 ch 2	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
7	Mic7	Slot 6 ch 3	Slot 6 ch 3	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
8	Mic8	Slot 6 ch 4	Slot 6 ch 4	no	no	30.0 dB (20..75 dB)	none	Dedicated	Dedicated	n	y	n	n	n	n	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
9	Line1	Slot 8 ch 1	Slot 8 ch 2	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
10	Line2	Slot 8 ch 3	Slot 8 ch 4	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
11	Line3	Slot 8 ch 5	Slot 8 ch 6	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
12	Line4	Slot 8 ch 7	Slot 8 ch 8	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
13	Line5	Slot 9 ch 1	Slot 9 ch 2	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
14	Line6	Slot 9 ch 3	Slot 9 ch 4	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
15	Line7	Slot 9 ch 5	Slot 9 ch 6	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
16	Line8	Slot 9 ch 7	Slot 9 ch 8	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
17	Line9	Slot 10 ch 1	Slot 10 ch 2	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
18	Line10	Slot 10 ch 3	Slot 10 ch 4	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
19	Line11	Slot 10 ch 5	Slot 10 ch 6	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
20	Line12	Slot 10 ch 7	Slot 10 ch 8	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
21	DD1	Slot 11 ch 1	Slot 11 ch 2	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
22	DD2	Slot 11 ch 3	Slot 11 ch 4	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
23	DD3	Slot 11 ch 5	Slot 11 ch 6	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
24	DD4	Slot 11 ch 7	Slot 11 ch 8	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	None	⊗	
25	Hybrid 1	Slot 15 ch 1	Slot 15 ch 1	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	N-1 (Hybrid 1)	⊗	
26	Hybrid 2	Slot 15 ch 2	Slot 15 ch 2	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	N-1 (Hybrid 2)	⊗	
27	Hybrid 3	Slot 15 ch 3	Slot 15 ch 3	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	N-1 (Hybrid 3)	⊗	
28	Hybrid 4	Slot 15 ch 4	Slot 15 ch 4	-	-	-	none	Dedicated	Dedicated	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	N-1 (Hybrid 4)	⊗	

How to read this?

- Each **source** (see the column named 'Label' above) can have a related destination. This means that given a **source**, the axum can send an audio signal X to its related destination. So for the above example, Mic1 is related to the CRM Phones output. Be carefull not to confuse this audio signal X with the **source** named here. **Therefore, do NOT read: The Mic1 signal is going to CRM Phones! Thats the wrong interpretation!**

Example

In the example below there is a blockdiagram where an audio signal X is routed to the related destination of source Mic 1. So, not the Mic 1 signal can be heard on the CRM Phones, but the signal X instead. The Mic 1 source is only used to determine where to send the signal X to.

This signal X can be a Talkback buss for example.



Talkback Configuration

[Axum](#) » [Console 1-4 configuration](#) » [Talkback configuration](#)

Talkback configuration	
Talkback 1	Mic1
Talkback 2	Mic2
Talkback 3	Mic3
Talkback 4	Mic4
Talkback 5	none
Talkback 6	none
Talkback 7	none
Talkback 8	none
Talkback 9	none
Talkback 10	none
Talkback 11	none
Talkback 12	none
Talkback 13	none
Talkback 14	none
Talkback 15	none
Talkback 16	none

Surface Configuration

Axum » Console 1-4 configuration » Surface configuration » Node 'UI-4F 1..4'

Object configuration for UI-4F 1..4

Nr.	Description	Type	Default	Function	Label		I
					Local	Default	
1024	Display 1 Line 1	A	0	Module 1: Control label	none	No label	y /
1025	Display 2 Line 1	A	0	Module 2: Control label	none	No label	
1026	Display 3 Line 1	A	0	Module 3: Control label	none	No label	
1027	Display 4 Line 1	A	0	Module 4: Control label	none	No label	
1028	Display 1 Line 2	A	0	Module 1: Control	none	No label	
1029	Display 2 Line 2	A	0	Module 2: Control	none	No label	
1030	Display 3 Line 2	A	0	Module 3: Control	none	No label	
1031	Display 4 Line 2	A	0	Module 4: Control	none	No label	
1032	Encoder 1	S		Module 1: Control	none	No label	
1033	Encoder 2	S		Module 2: Control	none	No label	
1034	Encoder 3	S		Module 3: Control	none	No label	
1035	Encoder 4	S		Module 4: Control	none	No label	
1036	Encoder 1 Switch	S		Module 1: Control reset	none	No label	
1037	Encoder 2 Switch	S		Module 2: Control reset	none	No label	
1038	Encoder 3 Switch	S		Module 3: Control reset	none	No label	
1039	Encoder 4 Switch	S		Module 4: Control reset	none	No label	
1040	Switch 1.1	S + A	0	Module 1: Dump on/off	Dump	Buss13/14 on	
1041	Switch 2.1	S + A	0	Module 2: Dump on/off	Dump	Buss13/14 on	
1042	Switch 3.1	S + A	0	Module 3: Dump on/off	Dump	Buss13/14 on	
1043	Switch 4.1	S + A	0	Module 4: Dump on/off	Dump	Buss13/14 on	
1044	Switch 1.2	S + A	0	Module 1: Talkback 1 to related destination	TB	TB1 dest	
1045	Switch 2.2	S + A	0	Module 2: Talkback 1 to related destination	TB	TB1 dest	
1046	Switch 3.2	S + A	0	Module 3: Talkback 1 to related destination	TB	TB1 dest	
1047	Switch 4.2	S + A	0	Module 4: Talkback 1 to related destination	TB	TB1 dest	
1048	Switch 1.3	S + A	0	Module 1: Prog on/off	Prog	Buss1/2 on	

How to read?

- Switch x.2 are configured as talkback switches and have as function to route an input directly to an output. In this example Talkback 1 is used as the input. This input will be routed to the related destination of the source configured in the corresponding module when the switch is pressed.



In the picture on the left you can see Mic 1 to Mic 4 are configured as the sources for the modules 1 to 4 respectively. So, if the TB switch (x.2) is pressed the Talkback 1 buss will be routed to the related destination of the source configured for the module.

Routing overview

Switch 1.2 (TB) → Talkback 1 == Mic 1 → related destination(Mic 1) == CRM Phones
Switch 2.2 (TB) → Talkback 1 == Mic 1 → related destination(Mic 2) == Studio Phones
Switch 3.2 (TB) → Talkback 1 == Mic 1 → related destination(Mic 3) == Studio Phones
Switch 4.2 (TB) → Talkback 1 == Mic 1 → related destination(Mic 4) == Studio Phones