

NL/ML Delay Box:

To prevent echo in a Network Link/Master Link setup, with a Master Link Audio Master in the living room (main room) and other Master Link products, it is possible to mount a NL/ML Delay Box. The sound can be synchronized by connecting an NL/ML Delay Box between the Audio Master and the Master Link products.

Installation:

Disconnect all products in the setup from mains.

Connect Master Link cable from BeoLink Converter and audio master to "MasterLink in" on the NL/ML Delay Box.

Connect Master Link cable from Master Link products to "MasterLink out" on the NL/ML Delay Box.

Make the setting "1-0-1-1-0" on the NL/ML Delay Box. (Down=0 / Up=1)

Connect the NL/ML Delay Box and the other products in the setup to mains.

Example:

Living room:

BeoVision 11 in option 2

BeoSound 5 in option 0

Bedroom:

BeoPlay V1 in option 2

Kitchen:

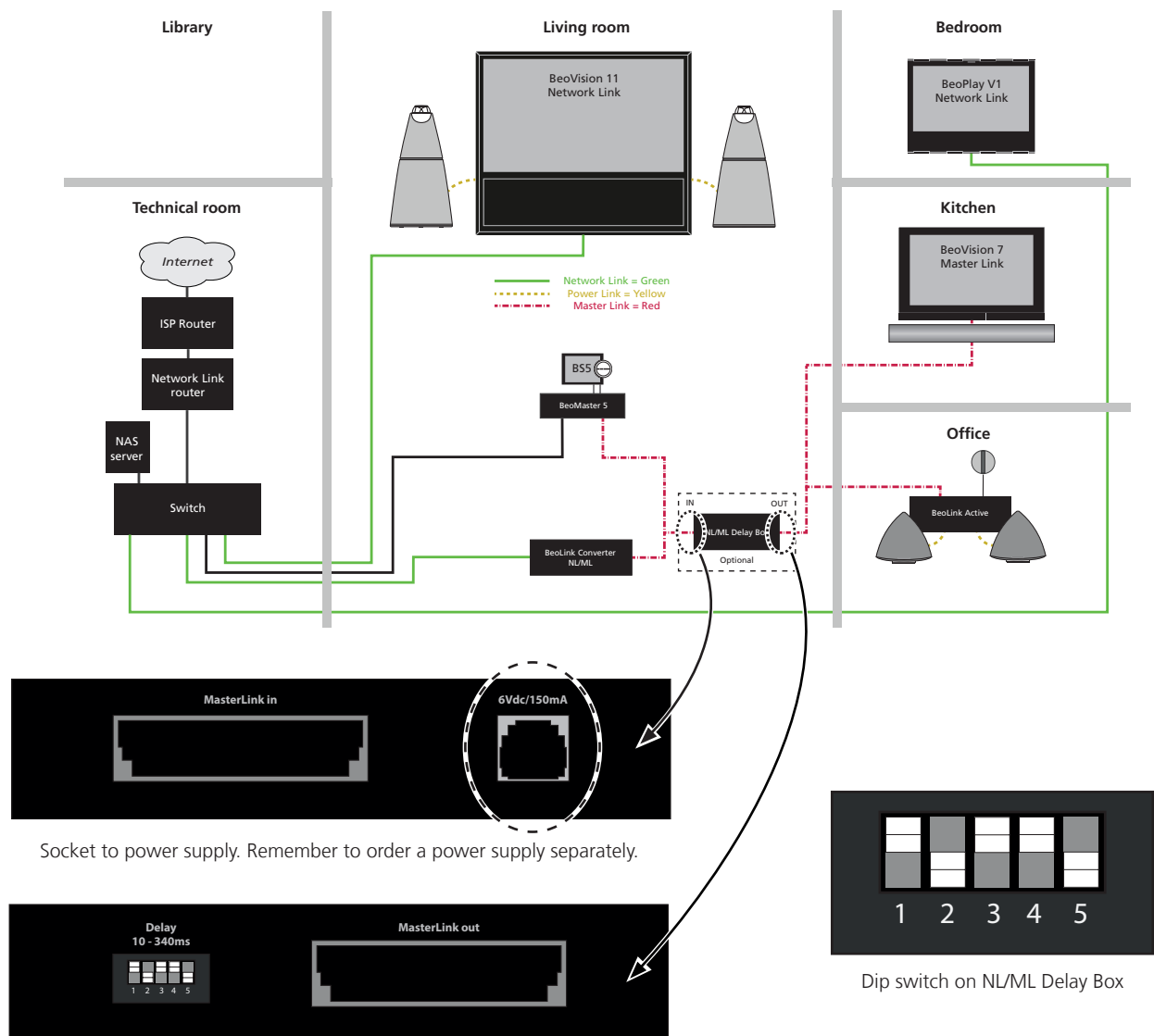
BeoVision 7 in option 6

Office:

BeoLink Active in option 6

Known limitation in functionality:

No solution in a setup with option 1-1 and 2-2 (speakers on audio master)



Delay overview:

If other delay values are required according to the ML DELAY SETTING displayed in NL products, then actual dip switch setting can be found from this table.

Audio delay ms	Comment	LSB				MSB
	DOWN = 0 / UP = 1	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5
10		0	0	0	0	0
21		1	0	0	0	0
31		0	1	0	0	0
42		1	1	0	0	0
53		0	0	1	0	0
63		1	0	1	0	0
74		0	1	1	0	0
85		1	1	1	0	0
95		0	0	0	1	0
106		1	0	0	1	0
117		0	1	0	1	0
127		1	1	0	1	0
138		0	0	1	1	0
149	Default settings	1	0	1	1	0
159		0	1	1	1	0
170		1	1	1	1	0
181		0	0	0	0	1
191		1	0	0	0	1
202		0	1	0	0	1
213		1	1	0	0	1
223		0	0	1	0	1
234		1	0	1	0	1
245		0	1	1	0	1
255		1	1	1	0	1
266		0	0	0	1	1
277		1	0	0	1	1
287		0	1	0	1	1
298		1	1	0	1	1
309		0	0	1	1	1
319		1	0	1	1	1
330		0	1	1	1	1
341		1	1	1	1	1