

Addendum to RC-8-MX Manual

The following commands have been added in software revision 4.04 and are included in this matrix unit.

MXxxAMooy<CR>- mute/unmute and output

oo = output number
y = 0=off, 1=on (optional)

if y is not included in the command, the mute will toggle on and off

The response from the RC-8-MX will be “MX00-Output oo is muted<CR>” or
“MX00-Volume 00 to bb<CR>”

Example: MX00AM03<CR> - This command will toggle the mute status of output number 3.

Example: MX00AM031<CR> - This command will turn the mute for output number 3 on.

MXxxZ25y<CR> - set volume control as linear or logarithmic

y = 0 = linear, 1 = logarithmic

The response from the RC-8-MX will be “Volume is Logrithmic<CR>” or
“Volume is Linear<CR>”

Example: MX00Z251<CR> - This command will set volume control to use logarithmic values.

Note: Linear volume controls give a range of -64db to +32db in 2db steps.

Logarithmic volume controls give a more natural audio taper on the control with a range of -96dB to +11dB. The following table shows the actual audio level compared to the matrix volume level for each of the two formats.

Linear	Logarithmic
0 -64dB	0 -96dB
1 -62dB	1 -77dB
2 -60dB	2 -66dB
3 -58dB	3 -58dB
4 -56dB	4 -52dB
5 -54dB	5 -47dB
.	.
.	.
.	.
29 -6dB	29 -2.5dB
30 -4dB	30 -1.5dB
31 -2dB	31 -0.5dB
32 0dB	32 0dB