Title:	Addressing of Cassettes		ID:
			0002

Date in:	Response:	Model:	Author:
2003-09-10	*2003-09-10*	*-*	*CMa*

Q:

please will you tell me how the cassettes in the Liconic incubator for "SelecT" will be numbered?

The incubator we have has them numbered 1 and 2, with each cassette having 22 levels. I believe that the incubator for SelecT will have 40 cassettes which will be in two levels, ten cassettes to a level. How will this be organised? i.e. does the bottom level hold cassettes 1 to 10 numbered anticlockwise if viewed from above, with the top level holding cassettes 11 to 20? Or are they numbered such that all the odd cassettes are at the bottom and all the even cassettes at the top?

A:

They're numbered the same way. 1 is the lowest level, 22 the uppermost.

In addressing the 2nd deck there are two possibilities.

1. Linear Addressing (level 23) would be the 1st level of the cassette on the upper deck
2. Split Addressing. You have to set a flag (1608) for the upper deck. If the flag is set level 1 will be the lowest level on the upper deck.

Q:

I'm still not clear about the numbering of the 20 cassettes though.
When I send WR DM0 m; what values do I use for 'm' (presumably 1 to 20 for split addressing; or 1 to 10 for linear addressing). Perhaps there is an additional WR DMx command that I need to send to indicate which deck I'm addressing?

And how are the cassettes arranged - are they numbered clockwise or anticlockwise when viewed from above. Viewed from the side, anticlockwise would give: 19 20 1 2 3; whereas clockwise would give 3 2 1 20 19. So my

guess is anticlockwise!

P.S. In my original question, I wrote "...the incubator for SelecT will
have 40 cassettes..." That should read "...the incubator for SelecT will
have 20 cassettes..." Apologies for any confusion this caused.

A:

Yes, 1…10 for the carrousel positioning. There is no additional DM needed.
If you work with split mode there is the 1608 flag instead.

They're numbered anticlockwise. The carrousel rotates clockwise.

If you have 40 cassettes (22 levels each) you can either assume you had 44 levels
(Linear mode) or have 20 cassettes at 1608 = 0 plus 20 cassettes 1608 = 1.