Corner mirror swapping interface box

by Sébastien Morel, September 1999
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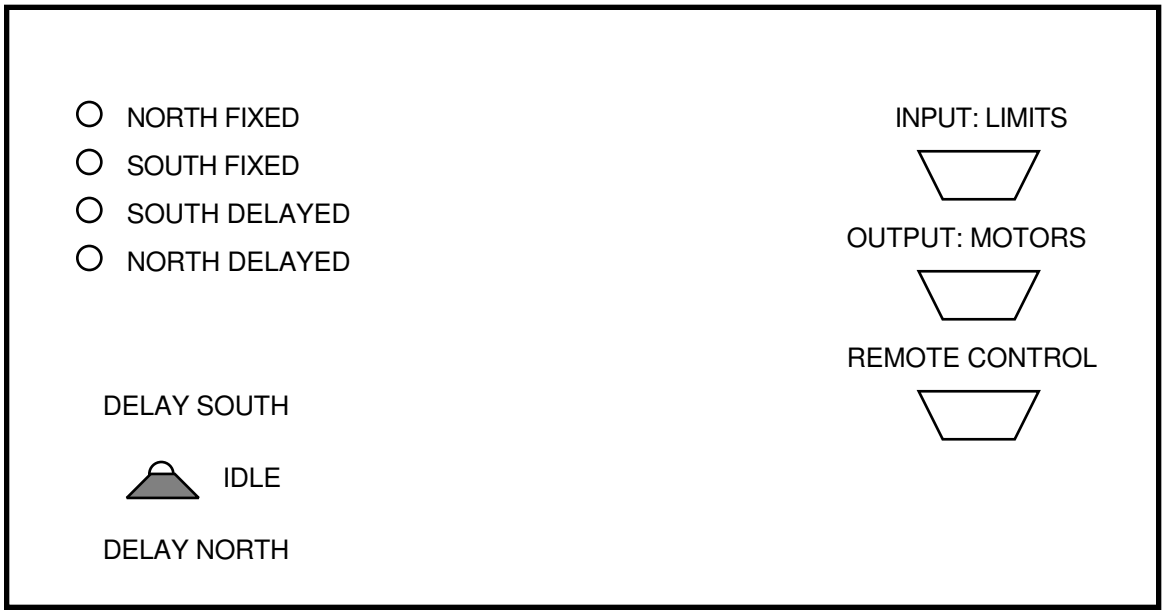
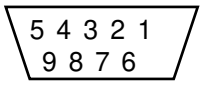


Connector pin-out

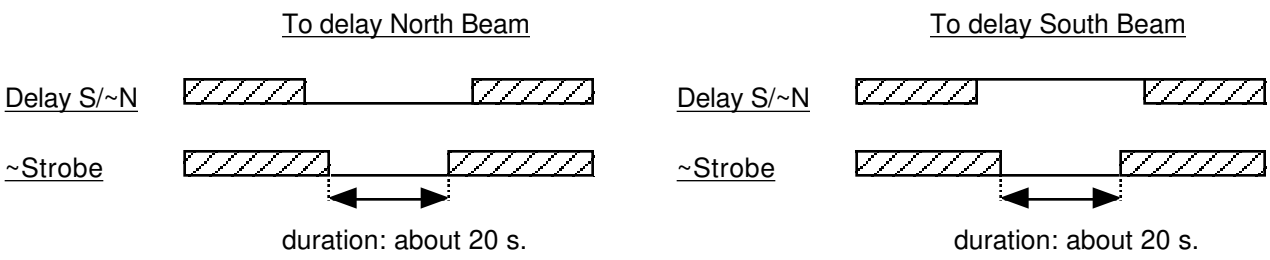
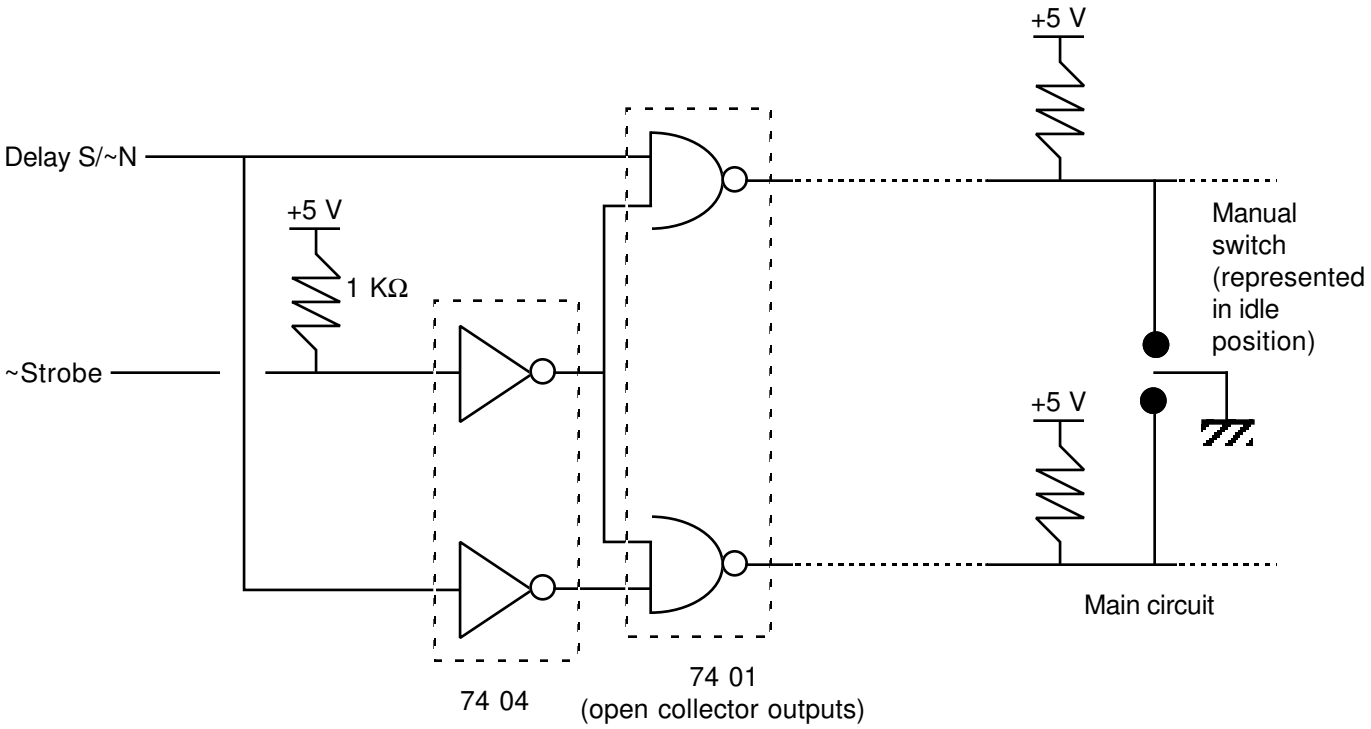
Pin #	Input: limits	Output: motors	Remote control
1	n.c.	South direction	Delay South/~Delay North
2	North fixed	South pulses	~Strobe
3	South fixed	North direction	n.c.
4	Gnd	North pulses	n.n.
5	+ 5 V out	North gnd	Gnd
6	North delayed	n.c.	n.c.
7	South delayed	South gnd	~(South delayed & North fixed)
8	Gnd	North gnd	~(North delayed & South fixed)
9	+ 5 V out	n.c.	n.c.

DB-9 female socket (ext. view):



• Local operation: flip the control switch to either direction. When LEDs display desired states, switch back to “Idle” .

• Remote operation: swaps can be done by feeding the box with the following TTL signals:



Remote receiver circuit added to the original system