



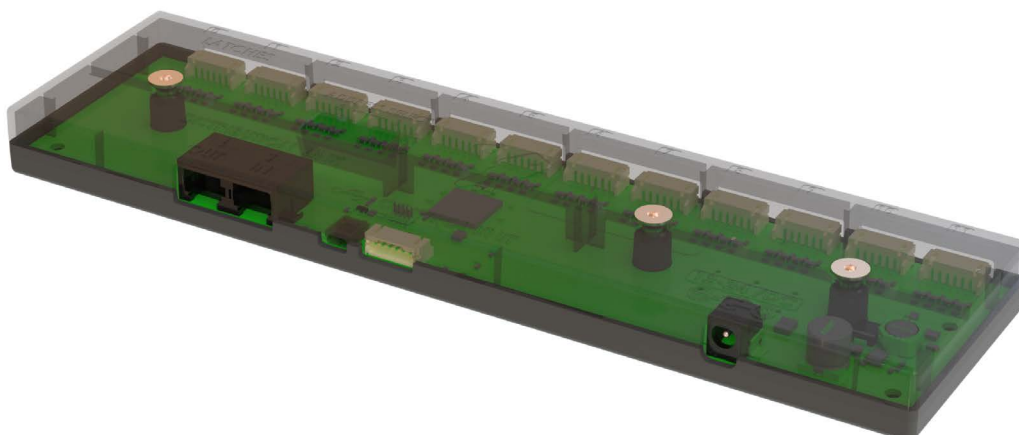
Distribution Boards

Zodiac Data Sheet

The Lowe & Fletcher Distribution Board is an advanced interface unit for controlling connected electronic latches using a set of simple commands sent via USB.

These communication units connect to the touchscreen terminal and each can control up to 12 electronic latches. The master distribution board takes power from a 24V DC power supply. Additional boards can be linked together in a Master-Sub configuration to control up to 3072 electronic latches in total (see Figure 1 below). The modular nature of the system makes scaling and maintenance straightforward.

Distribution Boards work with the 3792 and 3777 Electronic Latches and can read the state of the connected latches. The state of the connected latch may be either 'locked' or 'unlocked'. This means the board can command the latch to unlock, lock, and also unlock and immediately relock.



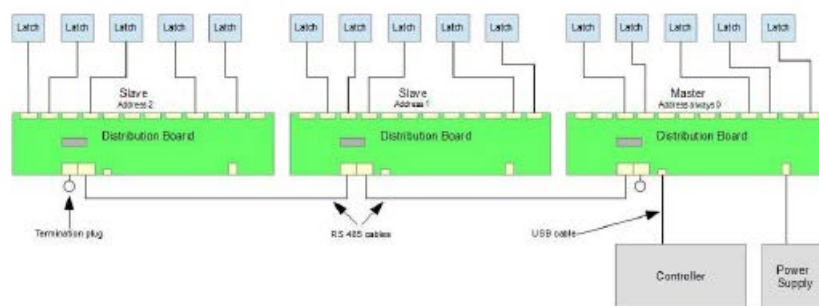


Figure 1 Daisy chain connection diagram (example of one master distribution board and two sub-master distribution boards).

Distribution Board Technical Data

Connection type	USB / USART
Interface connection	RS485, CAT5 / CAT6 cable
Maximum length of cable (across system)	10m
Master distribution board power supply	Required. 24V DC
Sub-distribution board power supply	1 to 6 distribution boards – Not required For every 7th distribution board – Required 24V DC

Distribution Board Part Numbers

Item	Part Number	Notes
Master Distribution Board	3791MAS	Power supply and cable included but please specify cable country separately
+ UK Power Cable	9560102	
+ EU Power Cable	9560103	
+ USA Power Cable	9560104	
+ AUS Power Cable	9560105	
Sub-Distribution Board	37910H	Sub-Distribution Board hardware is the same as Master, with address as 1+ using dip-switch. Power supply not required up to 6 units. Connection cable included, please specify country as above
+ RJ45 Distribution Board to Distribution Board Patch Cable 0.5m	9560705	Cat 6A or greater required for power transmission
+ RJ45 Distribution Board to Distribution Board Patch Cable 2.0m	9560720	Cat 6A or greater required for power transmission
+ RJ45 Distribution Board to Distribution Board Patch Cable 3.0m	9560730	Cat 6A or greater required for power transmission
+ RJ45 Distribution Board to Distribution Board Patch Cable 4.0m	9560740	Cat 6A or greater required for power transmission



Euro-Locks SA NV (Belgium)

E: sales@euro-locks.be

T: +32 61 212.261

W: www.euro-locks.com

Euro-Locks Sicherheitseinrichtungen GmbH (Germany)

E: vertrieb@euro-locks.de

T: +49 (0) 6897 9072 0

W: www.euro-locks.de



Euro-Locks Sp. z o. o. (Poland)

E: sekretariat@euro-locks.pl

T: +48 (32) 344-78-70, -82, -84

W: www.euro-locks.pl

Euro-Locks SA (France)

E: euro-locks@euro-locks.fr

T: +33 (0)3.87.92.61.11

W: www.euro-locks.fr

Lowe & Fletcher Ltd (UK)

E: sales@lowe-and-fletcher.co.uk

T: +44 (0) 121 505 0400

W: www.lowe-and-fletcher.co.uk

Lowe & Fletcher Inc (USA)

E: sales@loweandfletcherinc.com

T: +1 (616) 994 0490

W: www.loweandfletcherinc.com