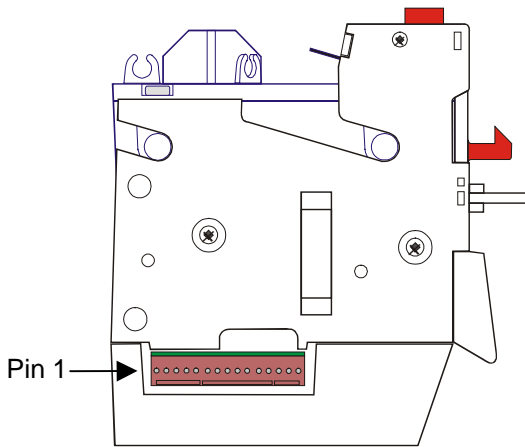


Lumina Maintenance Sheet

Parallel Interface



| Pin | Description |
|-----|---------------|
| 1 | Accept 1 |
| 2 | Accept 2 |
| 3 | Accept 3 |
| 4 | Accept 4 |
| 5 | Inhibit 1 |
| 6 | Inhibit 2 |
| 7 | Inhibit 3 |
| 8 | Inhibit 4 |
| 9 | ESCROW |
| 10 | ALARM |
| 11 | +12V Power |
| 12 | Supply Ground |
| 13 | V COM |
| 14 | Not Used |
| 15 | Not Used |

Parallel Credit Codes

| Note | Acc 1 | Acc 2 | Acc 3 | Acc 4 |
|------|-------|-------|-------|-------|
| 1 | 1 | 0 | 0 | 0 |
| 2 | 0 | 1 | 0 | 0 |
| 3 | 0 | 0 | 1 | 0 |
| 4 | 0 | 0 | 0 | 1 |

Parallel Interface Details

Accept Outputs

Accept outputs are open collector.
A 1 indicates the Accept o/p is active (on = Low)

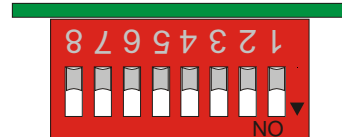
Inhibit Lines

The Inhibit inputs define whether a programmed note will be accepted or not.
If the Inhibit pin is not connected OR High (>4V) then the corresponding note will be rejected.

If the Inhibit pin is Low (<1V) then the corresponding note will be accepted if deemed to be true.

NB: The default setting is for ALL Inhibit inputs to be High and therefore notes will be rejected.

DIP Switch Settings



| Switch | OFF | ON |
|--------|-----------------------------|-----------------------------|
| 1 | Accept Note 1 | Inhibit Note 1 |
| 2 | Accept Note 2 | Inhibit Note 2 |
| 3 | Accept Note 3 | Inhibit Note 3 |
| 4 | Accept Note 4 | Inhibit Note 4 |
| 5 | TBD | TBD |
| 6 | Normal Operation | Resets the security code |
| 7 | Protocol Select (See Below) | Protocol Select (See Below) |
| 8 | | |

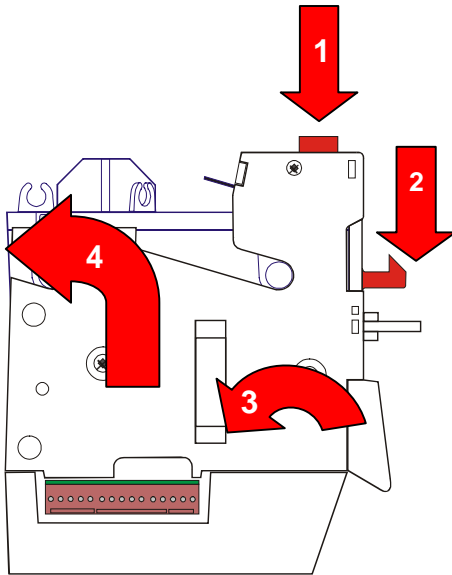
| Switch 7 | Switch 8 | Function |
|----------|----------|-------------------|
| Off | Off | Diagnostics Mode |
| On | Off | ccTalk Protocol |
| Off | On | Parallel Protocol |
| On | On | N/A |

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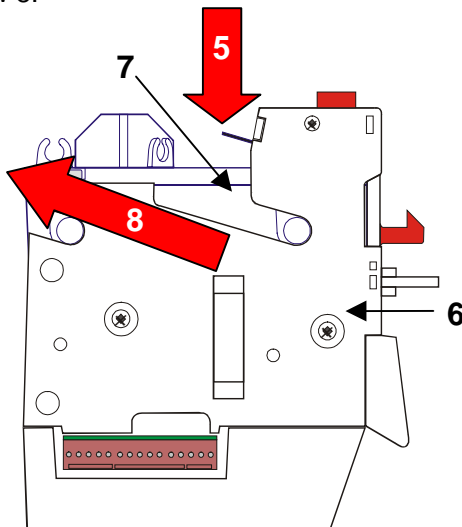
Maintenance

The note path should be cleaned regularly to ensure accurate validation of notes.

To remove the Lumina from the frontplate push down on the button as shown by arrow 1. The locking mechanism will also move in the direction of arrow 2 which will then release the Lumina from the frontplate. The Lumina can then be removed by following the directions of arrows 3 then 4.



To gain access to the note path, push the lever in the direction as shown by arrow 5. Holding the body 6 in one hand and the top sensor module 7 in the other hand, slide the 2 assemblies apart in the direction shown by arrow 8.

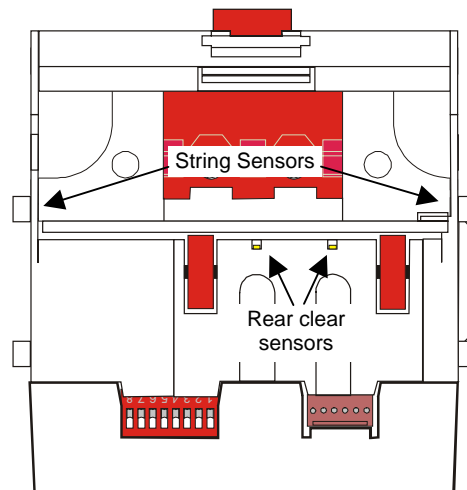


The two parts cannot be completely separated because of the interconnection cable.

The note path can now be cleaned using a damp cloth.

Under NO circumstances should any solvent, abrasive or foam type cleaner be used.

A damp cotton bud will be required to clean the recessed sensors such as the rear clear and the string sensors situated above the note path on the left and right hand sides at the front.



The same cleaning procedure should also be carried out on the bottom of the top sensor module.

While the two units are apart clean the eight pinch wheels as dirty wheels may cause the notes to slip and therefore give false readings and increase the possibility of notes being rejected.

Once cleaned, ensure the two surfaces are dry and re-assemble.

Refitting the top sensor module to the main body is the opposite of taking the two units apart.

Refitting to the frontplate is the opposite of the removal sequence.