

Microsound TMPSTA

1. Introduction

The TMPSTA Touch **M**emory **P**rogrammable **S**Tandalone **A**ccess is suitable for storing up to 200 DS1990A tags with a backup memory stick.

2. Programming sequence

Program all tags as per programming sequence. When complete, insert memory stick and program **backup tags**. When complete, remove memory stick for safe storage. If the unit ever loses its memory, the memory stick can be inserted and the tags **restored** back to its memory.

| P4 Menu selection | P3 Select operation | P2 | P1 |
|--|--------------------------------------|-----------------|----------------|
| MODE | | | |
| View tags View tags and delete unwanted tags. Step to your recorded tag number and press P1 to permanently remove a tag. Press again to exit "View tags" | Select / step back | Step forward | Delete tag |
| Add tags Adds new tags and allocates a three digit number for your records. Record this number in case you want to remove a tag. | Select | Accept | |
| Strike duration Door strike duration in seconds | Select / decrease value | Increase value | Accept |
| Clear tags Clears all tags | Select | | Confirm delete |
| Key beeps Beeps when a button is pressed | | Toggle on / off | |
| Backup tags Backs up all tags. Over writes all data on memory stick | Select | Accept | Accept again |
| Restore tags Restore all tags and over writes all memory. No recovery | Select | Accept | Accept again |
| View backup tags | Select | Accept | |
| Verify backup Stick Errors tag locations shown | Select | Accept | |
| Version Displays software version Changes to normal mode automatically | | | |

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3. PCB Connector Pin numbers

- | | |
|------------------|---------------------------------|
| 1. PSU + 13,8V | 7. Internal door release button |
| 2. PSU GND | 8. Internal door release button |
| 3. No connection | 9. Optional tamper switch |
| 4. No connection | 10. Door release contacts |
| 5. Reader + | 11. Door release contacts |
| 6. Reader GND | |

4. Technical specification

| | |
|---------------------------------------|------------------------|
| Power supply | 13.8VDC regulated |
| Current consumption (Back light off) | 8ma |
| Current consumption (Back light on) | 22ma |
| Door relay contact | |
| Normally open selectable on the PCB | JP2 (link) |
| Normally closed selectable on the PCB | JP3 (link) |
| Relay contacts | 10A 250VAC / 10A 28VDC |

NB: Back EMF diode IN4007 must be fitted to the door strike or magnetic lock as per attached drawing.

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| | |
|---------------------|-------------|
| Dimensions | 200 x 100mm |
| Weight (unpacked) | 500g |
| Weight (packed) | 1kg |
| Weight (volumetric) | 2kg |

The Tamper Switch is an optional extra.

The back light only goes on when a tag is read.

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5. Wiring

6. Guarantee

The M6PAZ P.A. Switcher is guaranteed by the manufacturer for a period of twelve months from the date of delivery against faulty components and faulty workmanship (ex factory).

7. Manufactured by:

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