

TYCO FIRE PROTECTION PRODUCTS - FIRE DETECTION - ANZ REGION PRODUCT BULLETIN

MX1-Au V1.33A FIRMWARE SUPPORT FOR PA1081

An updated (maintenance) version of *MX1-Au* firmware V1.33A has been released to support the new PA1081 *MX1* Controller board. This firmware must be used whenever existing Australian systems with V1.3x firmware have the new PA1081 Controller fitted (e.g. as a service replacement).

Refer to Product Bulletin PBK0007 for details on the new PA1081 *MX1* Controller.

V1.33A of the *MX1* firmware is the same as V1.33 except that it includes suitable Flash memory programming algorithms for both the PA1011 and the PA1081. V1.33A must be used in a PA1081 when used to replace a PA1011 containing V1.3x firmware and a site-specific configuration. V1.33A can also be used in PA1011.

When upgrading, the latest version of SmartConfig (V2.2 or later) should be used. This will automatically suggest and apply, on user confirmation, updates to the *MX* Loop Parameters settings required for the daily test / polling rate fault corrections.

NOTE: *MX1-Au* V1.33A firmware must not be used in *MX1-NZ* panels, as it has not been qualified for use in New Zealand. Use the "A" version of whatever firmware is currently loaded instead.

UPGRADING EXISTING SYSTEMS

MX1-Au systems with earlier V1.3x firmware can be upgraded by:

- Downloading the new V1.33A firmware using SmartConfig (V2.2 or later).
AND
- Reviewing the current configuration by loading it into the latest SmartConfig (V2.2 or later). If changes are suggested by SmartConfig then the changes should be applied, and the updated configuration downloaded into the *MX1*.

ORDERING INFORMATION

The latest version of SmartConfig (V2.2 onwards) contains the "A" versions of *MX1* Controller firmware, and can be obtained by Tyco staff from the **Fireplace** web site at <https://www.tycosafetyproducts-anz.com/>. Log in, click on the Downloads link and scroll to the *MX1-Au* section.

For non-Tyco users please contact your Simplex Fire Products representative for a copy of SmartConfig.

SF0278 Wormald SmartConfig – SmartConfig version for Tyco users.

SF0432 Simplex SmartConfig – SmartConfig version for non-Tyco users.

Note: SmartConfig requires a valid licence on each computer it is to be used.

***MX1-Au* FIRMWARE RELEASES**

V1.33A Changes:

- Incorporates Flash memory algorithms/routines for both PA1011 and PA1081 Controllers.
- Supports memory partitioning created by the new PLD firmware in the PA1081 Controller.
- When switching the *MX* Loop Driver from left to right (or vice versa) both relays are made active before opening the one no longer used – so that the loop is not de-powered (even momentarily). This avoids a power glitch that may be seen by the loop isolators.

V1.33 Fixes:

- Spurious daily test failures on heavily loaded loops
- Corruption of time/date entries if invalid entry given
- Occasional inconsistencies in alarm list numbering
- Bug performing diagnostics poll on *MX* loop cards
- Possible ancillary outputs & logging delays

V1.32

- Partially corrects problem of P241.26.4 Polling Rate or P245.2.4 Polling Rate faults occurring at the daily test time or when the system is recovering from a loop fault. The *MX1* configuration also requires adjustments to the *MX* Loop Fault parameters - these are automatically suggested by SmartConfig V2.0.1 or later.

V1.31 *MX1-Au* First production release.