FTX REPEATER
SOFTWARE VERSION
S0064R26
The Universal repeater is a microprocessor based product designed to repeat signals from MAMI alarm panels to the receiving base in the control room.

Signals are received in both the standard DTMF protocol and the fast FTX protocol, re-transmitted in either the standard DTMF protocol or the fast FTX protocol. The mode of re-transmission is optionally programmable to:

- Repeat the incoming as it is. DTMF to DTMF.
- Repeat all incoming signals as DTMF, DTMF and/or FTX to DTMF.
- Repeat all incoming signals as FTX. DTMF and/or FTX to FTX.

This repeater is open to all code formats, i.e: MAMI Code 15 (R_COM), MAMI Code 17 (WNET) and Contact ID without any reconfiguration.

Signals to be repeated only need to address the selected repeater (match option reg 21, programmed at option reg 20 on the tracer panels). The repeater’s option reg 21 will determine whether to send to the next repeater or send an ID character to the base station.

The repeater monitors its own condition and will send to the control room the following signals:

- Mains fail condition
- Battery low condition
- System arm/disarm
- Zone alarm

A siren can be connected for audible alarm, arm and disarm annunciation.

This repeater includes functions of an alarm panel with optional programmable zones. Refer to the programming section for more information on the features available.

The zones can be armed and disarmed via the key switch or the keypad.

Please note that all connections are already done except for the ones shown in the diagram.
PROGRAMMING

NOTE: ALL PROGRAMMING IS PERFORMED THROUGH THE STANDARD TRACER KEYPAD (S0032A3X)

DEFAULTING THE SYSTEM (ERASING MEMORIES)

ERASE KEYBOARD MEMORY 1 0 0 0 # 9
After this command the unit will reset to load the default values!

ERASE MEMORY IN CONTROL UNIT 1 0 0 0 # 0 9
After this command the unit will reset to load the default values!

ERASE BOTH CONTROL-UNIT AND KEY-BOARD MEMORIES 1 0 0 0 # 2 9
After this command the unit will reset to load the default values!

PROGRAMMING THE GLOBAL FUNCTION REGISTERS

IDENTIFICATION REGISTERS

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PROGRAMMING THE NEXT ( OR BASE ) REPEATER NUMBER

PROGRAMMING THIS REPEATER NUMBER (From alarm panels)

Summary of ALL Key-Pad entries

PROGRAMMING THE CHECK IN TIME ( SELF TEST INTERVAL)

For the next option you need to enter a value between 0 and 250.

EXAMPLE: To set the check-in interval time to 24 hours enter: 1 0 0 0 1 8 0 2 4 (hrs)

N.B. A CHECK-IN INTERVAL VALUE OF "0" WILL AUTOMATICALLY DISABLE THE OPTION ( NO CHECK-IN TRANSMISSION ).

THE EXIT DELAY IS AUTOMATICALLY SET TO DOUBLE THE "ENTRY" DELAY