MULTRON® FIP900 Series
Fireman Intercom Systems

FIREMAN INTERCOM PANEL

Advance Microprocessor Technology...
2-way Communication...
with Addressable features...

TYPICAL SYSTEM WIRING SCHEMATIC
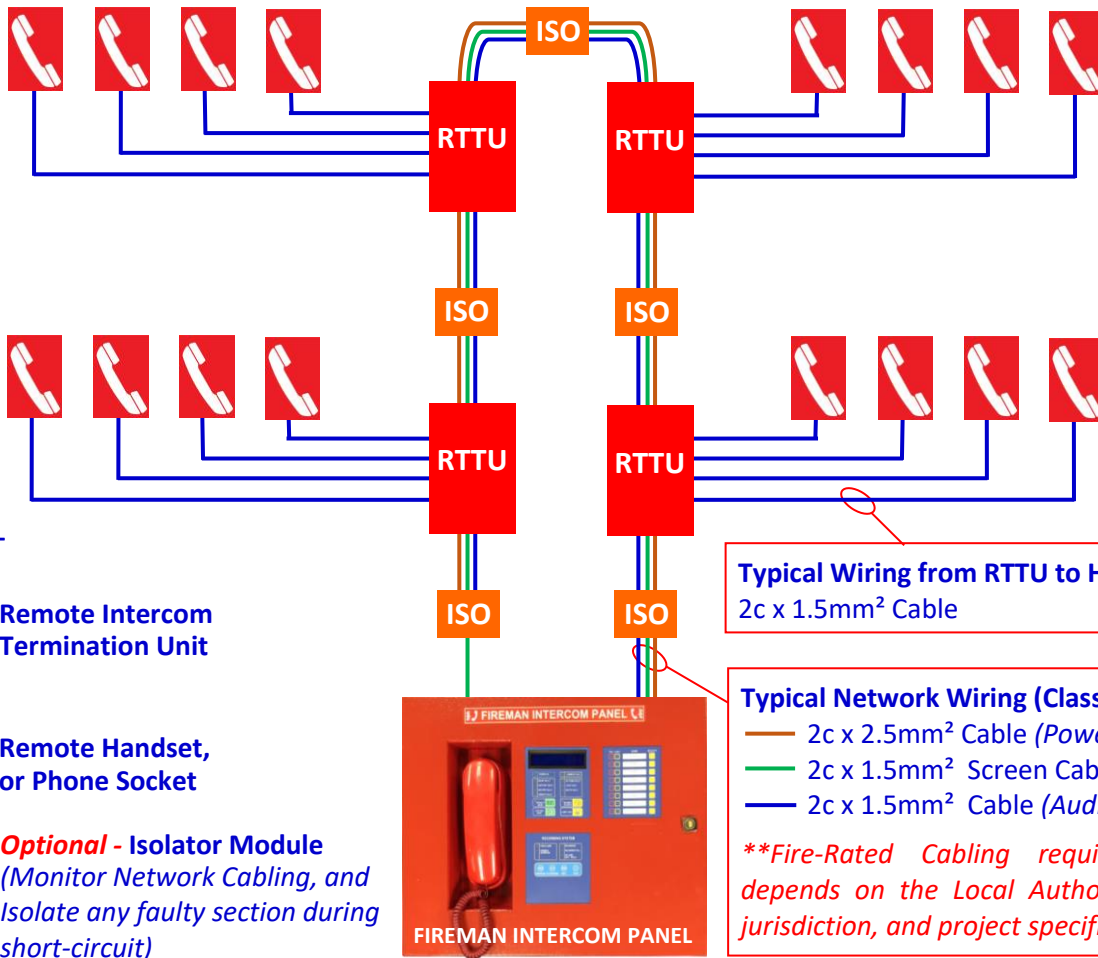
Legend :-

RTTU — Remote Intercom Termination Unit

— Remote Handset, or Phone Socket

ISO — *Optional -* **Isolator Module** *(Monitor Network Cabling, and Isolate any faulty section during short-circuit)*

FIREMAN INTERCOM PANEL

Typical Wiring from RTTU to Handset :-
2c x 1.5mm² Cable

Typical Network Wiring (Class A) :-
— 2c x 2.5mm² Cable *(Power Supply)*
— 2c x 1.5mm² Screen Cable *(RS485)*
— 2c x 1.5mm² Cable *(Audio Signal)*

**Fire-Rated Cabling requirement will depends on the Local Authorities having jurisdiction, and project specifications.

Features :-

- **Addressable Zoning using RTTU Network to minimize installation & wiring cost.**
- **Secure Network using closed loop, fully supervised `Class A' cabling.**
- **Built-In Voice Recorder using SD Card storage.**
- **Isolator Module available to isolate any faulty Network cabling section during short-circuit.**
- **Simple & easy usage with Individual `Call' & `Fault' LED indicators, and `Select' pushbutton provided for each zone.**
- **Selectable `Privacy Mode'.**
- **Self-Diagnostic of Faults in the System.**
- **Optional Repeater Intercom Panel available.**
- **Manufactured under stringent ISO 9001 Quality Management System.**
- **Designed & Tested in compliance to Singapore SS 546 Standards.**

System Capacity :-	
Zoning	Up to 256 zones *Higher Zoning could be customized based on clients' requirement.*
RTTU PCB Cards	Up to 64 nos. *(4-zones each)*
Isolator Module	Up to 64 nos. *(To be mounted within the RTTU Cabinet)*
Voice Recorder	Built-In with Panel
Recording Capacity	16 GB SD card *(Larger capacity SD Card could be used for longer Recording duration)*

TYPICAL SYSTEM EQUIPMENT
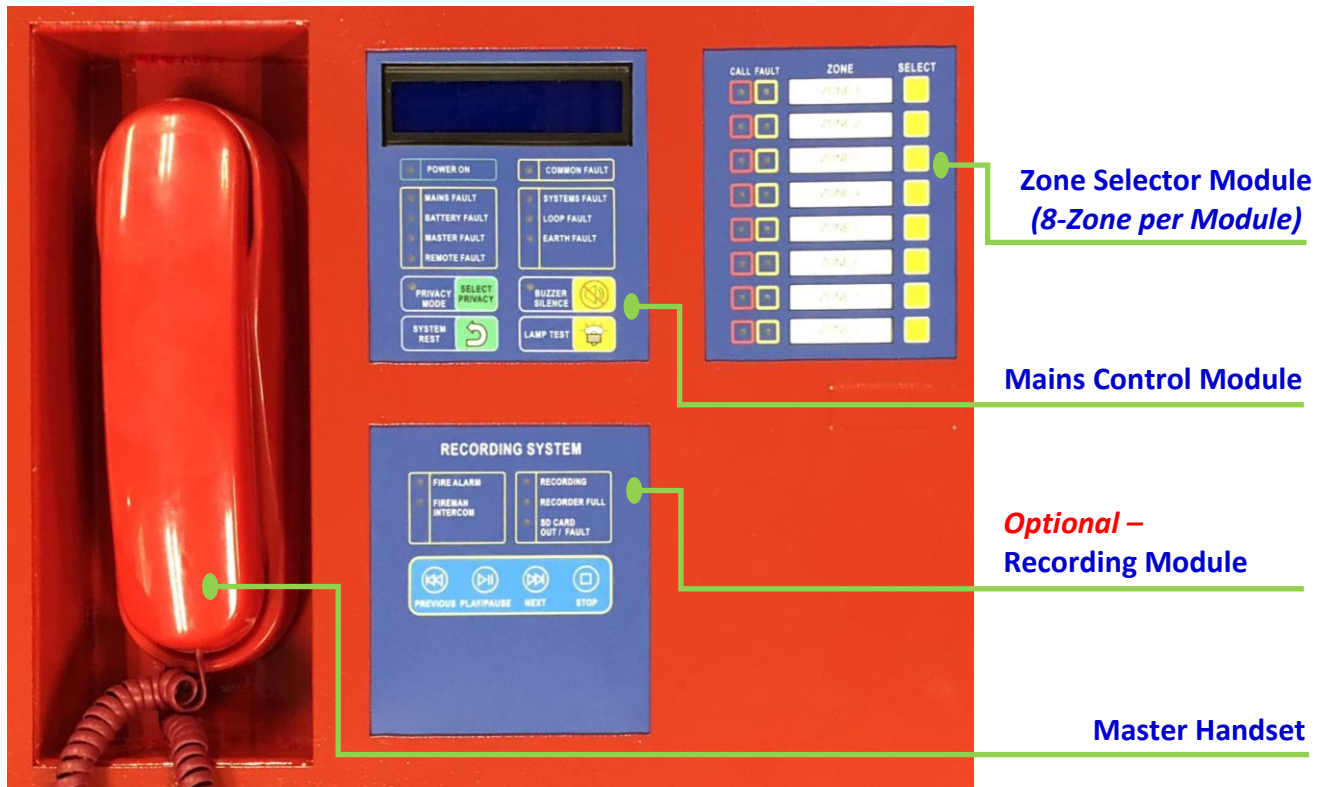
Zone Selector Module
(8-Zone per Module)

Mains Control Module

Optional –
Recording Module

Master Handset

TYPICAL FIREMAN INTERCOM PANEL LAYOUT

REMOTE HANDSET c/w CABINET
FIP900-RH1 (Surface Mount)
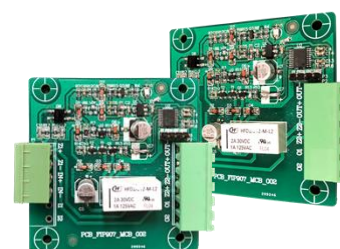**FIP900-RH2 (Flushed Mount)**

REMOTE INTERCOM TERMINATION UNIT
RTTU-4Z (Cabinet with 4-zone PCB)
RTTU-8Z (Cabinet with 8-zone PCB)

PORTABLE HANDSET
c/w PHONE JACK, FI-95

REMOTE PHONE SOCKET
P-9911J

ISOLATOR MODULE (Optional), FIP907
(To be mounted within the RTTU Cabinet)

Our Regional Distribution Network
Provides Seamless and Efficient
Customers' Service...

Another Quality Product by :-
Multron Systems Pte Ltd

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