

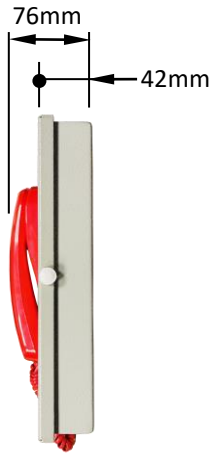
The Master Intercom Unit offers a simple, yet effective and low-cost solution for emergency communication when used in conjunction with Remote Phone Sockets or Remote Handsets located throughout the Building.

The Master Intercom Unit may be provided as standalone unit mounted in a housing, or as a sub assembly, which could easily be integrated into any Fire Alarm Control Panel.

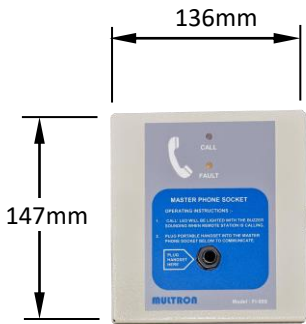
Choice of Two Models :- A) with a built-in Master Handset (Model FI-99H)

or

B) with a Master Phone Socket (Model FI-99S)



**Master Phone Handset
Model : FI- 99H**



**Master Phone Socket
Model : FI- 99S**

Technical Specifications	
Power Requirement	24 VDC 100mA
Recommended Cable Size	2c (twisted pair or screen) x 1.5 sq. mm
Max. Cable Length	1,000 metres
Conferencing Capability	Up to 5 Handsets
Fault Monitoring Provided	Open / Short Circuit for Remote Handset cabling, with Relay Status Output provided for external monitoring
Power Consumption (During Standby)	5 mA
Power Consumption (During Communication)	32 mA on Communication, Plus 5mA per additional Handset during conferencing 50mA upon Fault Relay activation
Ingress Protection	IP40
Nett Weight	1.95kg (Model FI-99H) 0.72kg (Model FI-99S)

Master Intercom Unit Operations :-

- 1) Simply plug-in a Portable Handset into any Remote Phone Socket, or pick-up the Remote Handset, and an audio / visual call signal will be transmitted to the Master Phone Unit.
- 2) Personnel manning the Master Intercom Unit simply plug-in a Portable Handset (for Model FI-99S), or lift-up the Master Handset (for Model FI-99H), and communication will immediately be established with the Portable or Remote Handset.
- 3) If more than one person plug into the Remote Phone Sockets or pick-up the Remote Handsets, conferencing will be established.
- 4) To terminate the communication, simply unplug the Portable Handset or hang up the Handset.



TYPICAL WIRING SCHEMATIC DIAGRAM



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