

# TN3103

## Fire Telephone Mobile Handset Installation and Operation Manual



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## Product Safety

To prevent severe injury and loss of life or property, read the instruction carefully before installing the module to ensure proper and safe operation of the system.



### European Union directive

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points.



For more information please visit the website at [www.recyclethis.info](http://www.recyclethis.info)

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## 1 Introduction

### 1.1 Overview

The TN3103 Fire Telephone Extension (hereinafter referred to as the "Telephone Extension") is a portable communication device that can be connected to the manual fire alarm button's telephone jack for full-duplex communication with the fire telephone switchboard.

This telephone extension is compatible with our TN3000 Fire Telephone Switchboard, TN3100 Fire Telephone Extension, TN3300 Fire Telephone Jack and TN3301 Fire Telephone Jack.

### 1.2 Features

- Portable and designed for on-site use by fire safety management personnel.
- The hardware features a dedicated telephone chip, ensuring clear call quality.
- Inserting the Telephone Extension to the telephone jack of the manual fire alarm button enables the user to directly call the fire telephone switchboard.

### 1.3 Technical Parameters

Operating voltage	DC24V (telephone bus 18V~28V)
Operating current	≤ 25mA
Wiring system	It is connected to the fire telephone switchboard via a non-polarised two-wire bus
Voice frequency	300Hz~3400Hz
Plug type	3.5mm mono audio plug
Usage environment	Temperature: -10°C~+55°C Relative humidity: ≤ 95% RH; non-condensing
External dimensions	199.8mm×50.0mm×38.5mm
Enclosure colour	red
Weight	approximately 150g
Executive standard	GB 16806-2006 Automatic Control System for Fire Protection

## 2 Structural Features

The external dimensions (in mm) of the Telephone Extension are illustrated in Fig. 1.

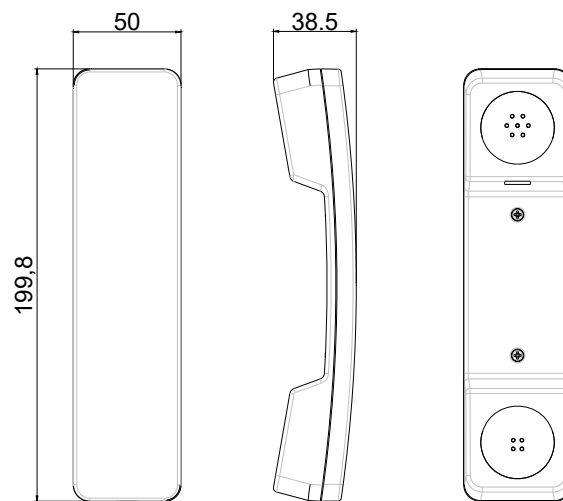


Fig.1 External Dimensions

### 3 Usage and Operation

Insert the Telephone Extension into the manual fire alarm button's telephone jack. The extension shall be capable of calling the fire telephone switchboard, and a ringback tone shall be audible in the handset. After establishing a call on the fire telephone switchboard, the Telephone Extension shall be capable of full-duplex communication with the fire telephone switchboard.

### 4 Handling and Storage

When transporting, handling, and storing the Telephone Extension, it must be in the packaged state. Handle with care during the loading and unloading process to prevent any damage due to collisions. The storage environment should be well-ventilated and dry, and the product must not be stored in the open air.

### 5 Precautions

Avoid dropping or knocking the Telephone Extension during use and storage, as it is a portable electronic device.

Conduct regular call tests to verify the proper functioning of the Telephone Extension.