ACFA Intellect

# Trombone Integration Module Settings Guide

# List of terms used in Trombone Integration Module Settings Guide

**Server** — a preconfigured PC running Axxon software .

Sound input — a terminal intended for the input of audio notification signal.

Power relay — a 220V AC output terminal controlled by *Trombone BP* reserve power supply unit. The audio amplifiers are powered up if *Trombone CP-8* switches to: **Alarm**, **Emergency Startup**, **Emergency Services** and **Audio Notification**.

Zone — a marked area on the site map.

Sound output — a terminal outputting 250 mV rated signal for further audio amplification.

Light output — a terminal to connect visual notification signaling devices.

Alarm in — a binary alarm input terminal.

# Introduction into Trombone Integration Module Settings Guide

**On the page:**



## Purpose of the document

The *Trombone Fire and Security Alarm Integration Module Setup and Operation Manual* provides comprehensive setup and operational guidance for *Trombone* module operators.

This module is part of a Fire and security alarm system (*SFA*) built on the *ACFA Intellect* Software System.

This Guide presents the following materials:

1. general information about the *Trombone* module;
2. *Trombone* module settings;

1. working with the *Trombone* module.

## General information about the *Trombone* integration module

The *Trombone integration* module is part of *SFA* subsystem built based on the *ACFA Intellect* Software System. It is designed to control *Trombone* system.

> **Note:**
> Detailed information about the *Trombone* system can be found in the official documentation (manufacturer OPTECH LLC, Russia).

The following hardware is integrated with the *ACFA Intellect* Software System:

1. Trombone CP8;
2. Trombone CP-M.

Before configuring the *Trombone* integration module, the following actions must be performed:

1. Install the required hardware on the site.
2. Configure the Trombone hardware for working (see the official documentation).
3. Connect the *Trombone* hardware to the Server.

# Supported hardware and licensing of the Trombone integration module

| | |
|---|---|
| **Manufacturer** | ONYX Ltd<br>127015, Moscow, Novodmitrovskaya str., 5A bld., of.1000<br><br>Tel./Fax: (495)787-3424, (499) 760-8808<br>info@cctvonyx.ru www.cctvonyx.ru www.trombon.org |
| **Integration type** | Low-level protocol |
| **Equipment connection** | RS-232 |

**Supported equipment**

| Equipment | Function | Features |
|---|---|---|
| CP-8 | Control panel | Connected alarm lines 8<br>Zones of light notification 8<br>Zones of sound notification 8<br>Input of EMERCOM signals 1<br>Input to connect remote consoles 1<br>Number of connected remote consoles 8<br>Embedded sound processor for 2 voice messages<br><br>Output of 220V booster power control 1<br>Output of 24V booster power control 1 |
| CP-M-16 | Control panel | Connected alarm lines 16<br>Zones of light notification 16<br>Zones of sound notification 16<br>Input of EMERCOM signals 1<br>Embedded sound processor for 8 voice messages<br><br>Output of 220V booster power control 1<br>Output of 24V booster power control 1 |

**Protection**
1 COM port, in fact one control panel

# Configuration of the Trombone integration module

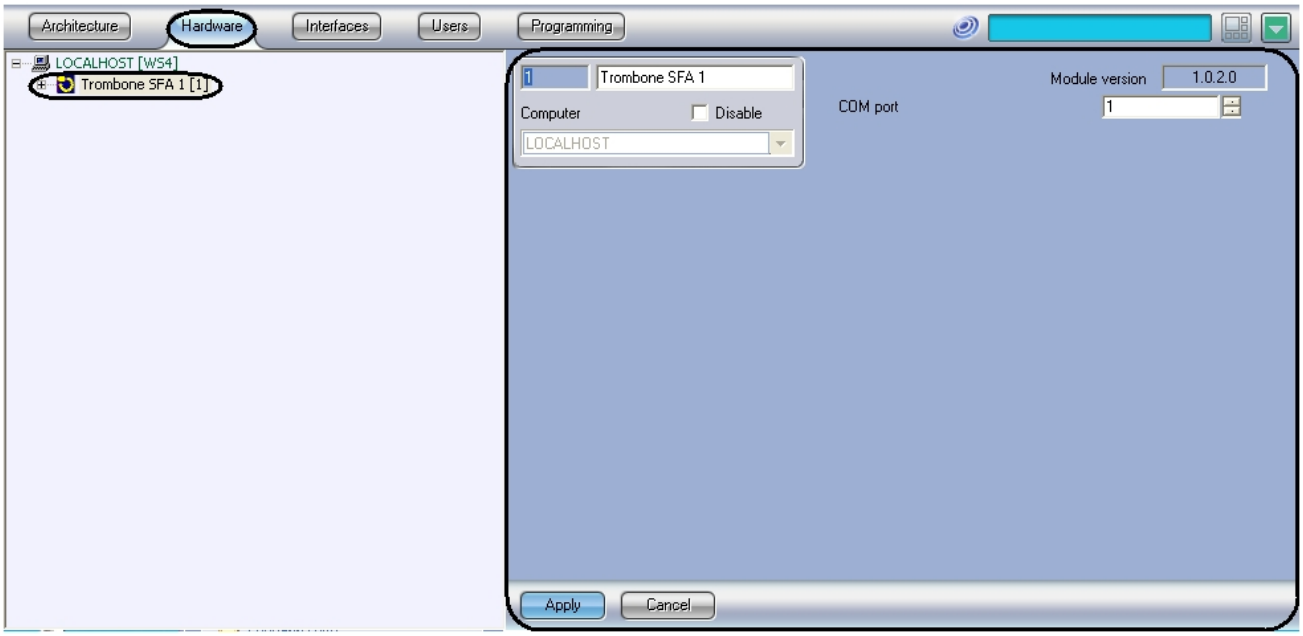
## How to configure the Trombone integration module

The *Trombone* integration module in the *ACFA Intellect* Software System is configured as follows:

1. Setting up connection of *Trombone SFA* to *Intellect* Server.
2. Setting up connection of *Trombone-CP8* device.
3. Read the configuration from the *Trombone-CP8* device.
4. Setting up connection of *Trombone-CP-M* device.
5. Read the configuration from the *Trombone-CP-M* device.

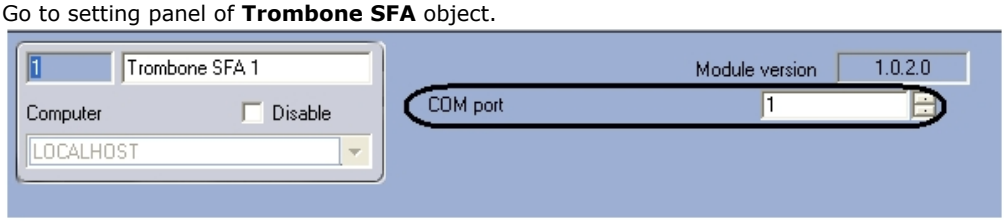
## Setting up Trombone FSA connection

Setting up connection of *Trombone SFA* to *Intellect* Server is carried out on the setting panel of **Trombone SFA** object. This object is created on the basis of **Computer** object in **Hardware** tab of **System setting** dialog box.




Setting up connection of **Trombone SFA** to *Intellect* Server is carried out the following way:

1. Go to setting panel of **Trombone SFA** object.

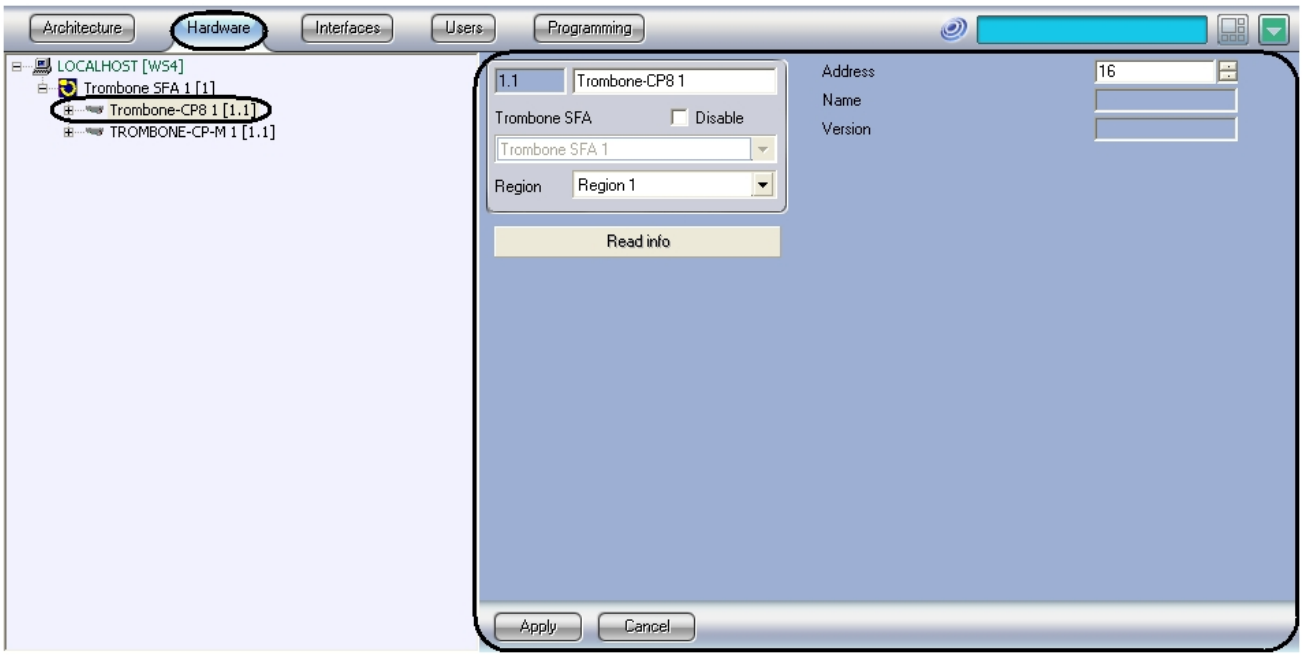



2. Using **up** and **down** buttons specify the COM-port of connection the system to the server.
3. Click **Apply** button.

This completes the process of configuring the connection of *Trombone SFA* devices.

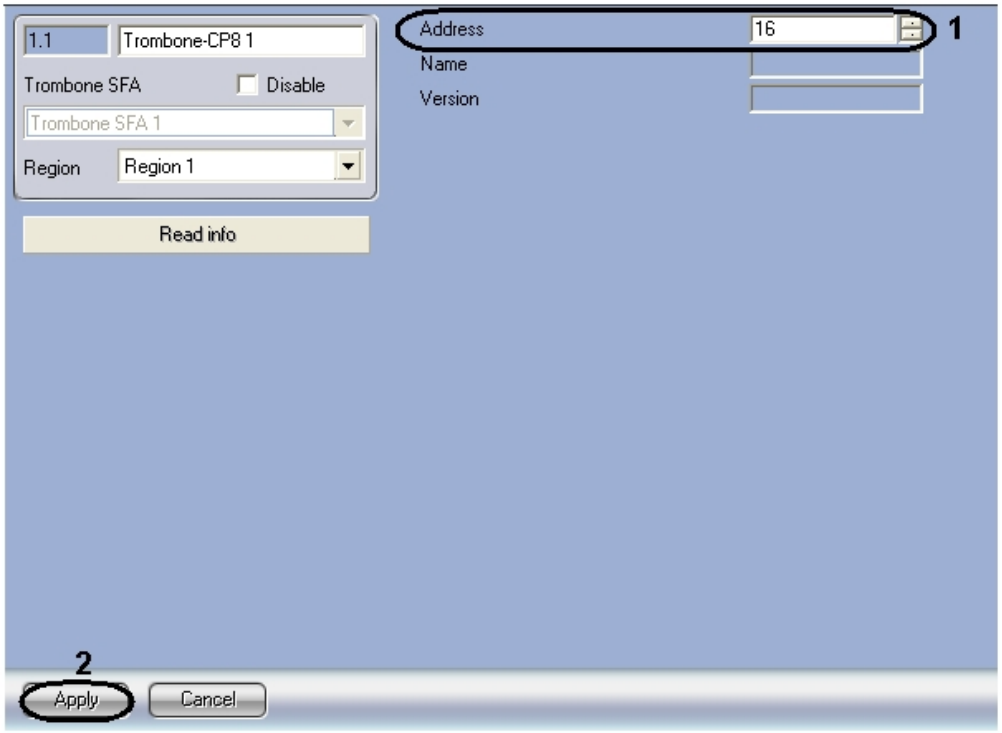
# Setting up Trombone-CP8 device connection

Setting up connection of *Trombone-CP8* to *Intellect* Server is carried out on the setting panel of **Trombone-CP8** object. This object is created on the basis of **Trombone SFA** object in **Hardware** tab of **System setting** dialog box.




Setting up connection of *Trombone-CP8* device is carried out the following way:

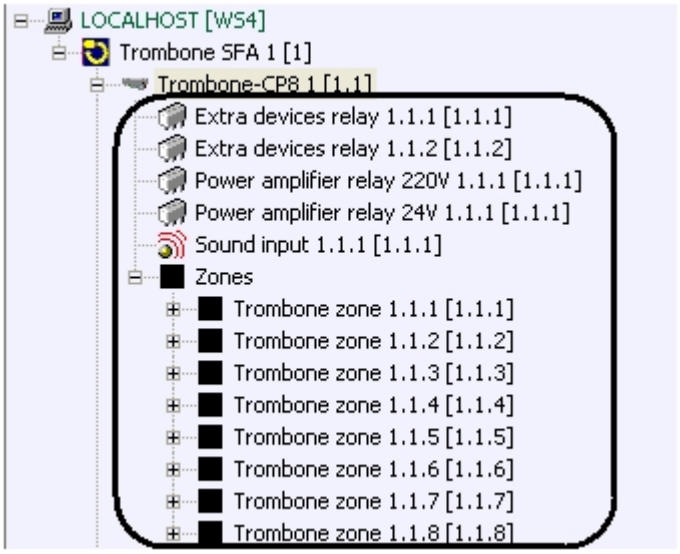
1. Go to setting panel of **Trombone-CP8** object.




2. Specify the address of *Trombone-CP8* device (**1**).
3. Click **Apply** button (**2**).

Objects corresponding to executive devices within *Trombone FSA* will be automatically created after the **Trombone-CP8** o bject connection. Any manually created extra objects will be ignored by the system.

> **Note:**
> Events from the corresponding devices won't be sent to system if the automatically created objects were deleted. User can create the new object to place the deleted ones.

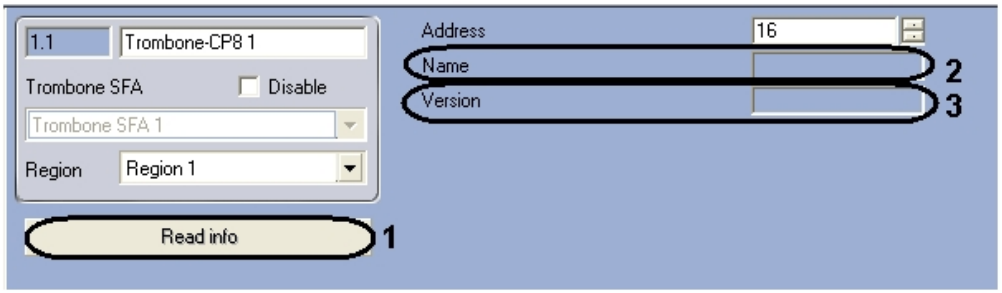



This completes the process of configuring the *Trombone-CP8* device connection.

# Reading Trombone-CP8 Device Configuration

To read the *Trombone-CP8* device configuration, do the following:

1. Go to setting panel of **Trombone-CP8** object.



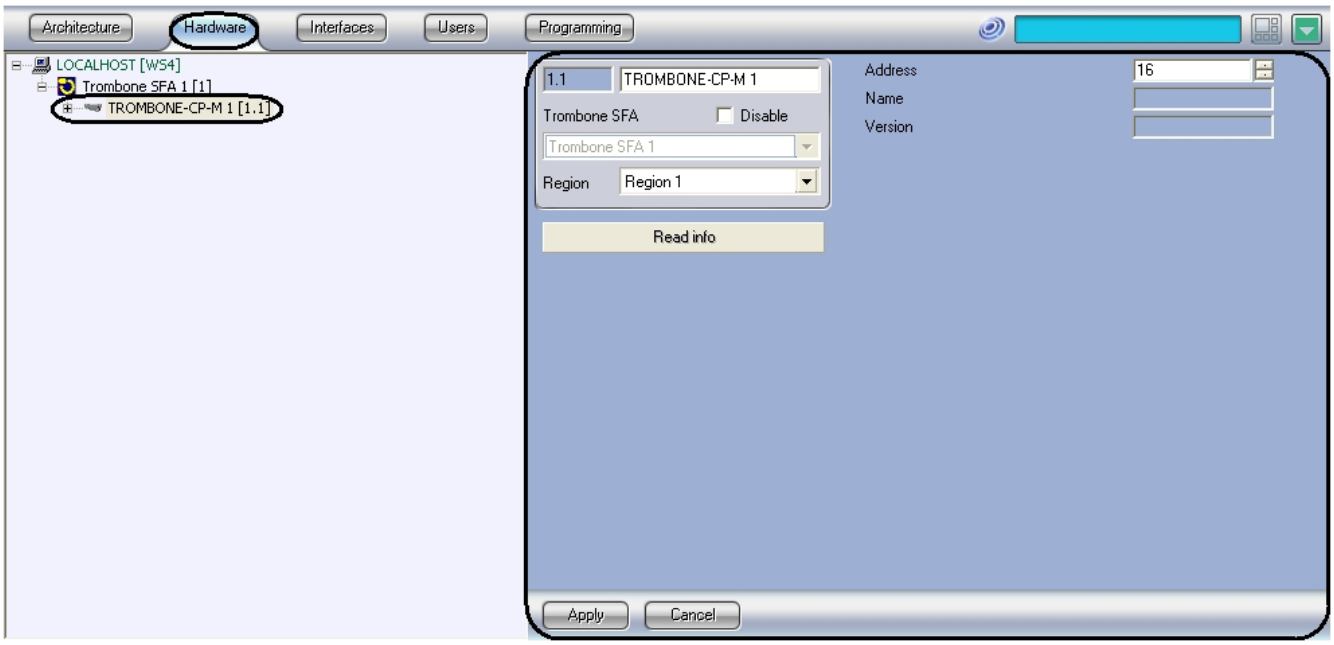

2. Click **Read Info button** (**1**).

**Name** and **Version** field will be updated after reading the *Trombone-CP8* device configuration (**2**, **3**)**.**

This completes the reading of *Trombone-CP8* device configuration.

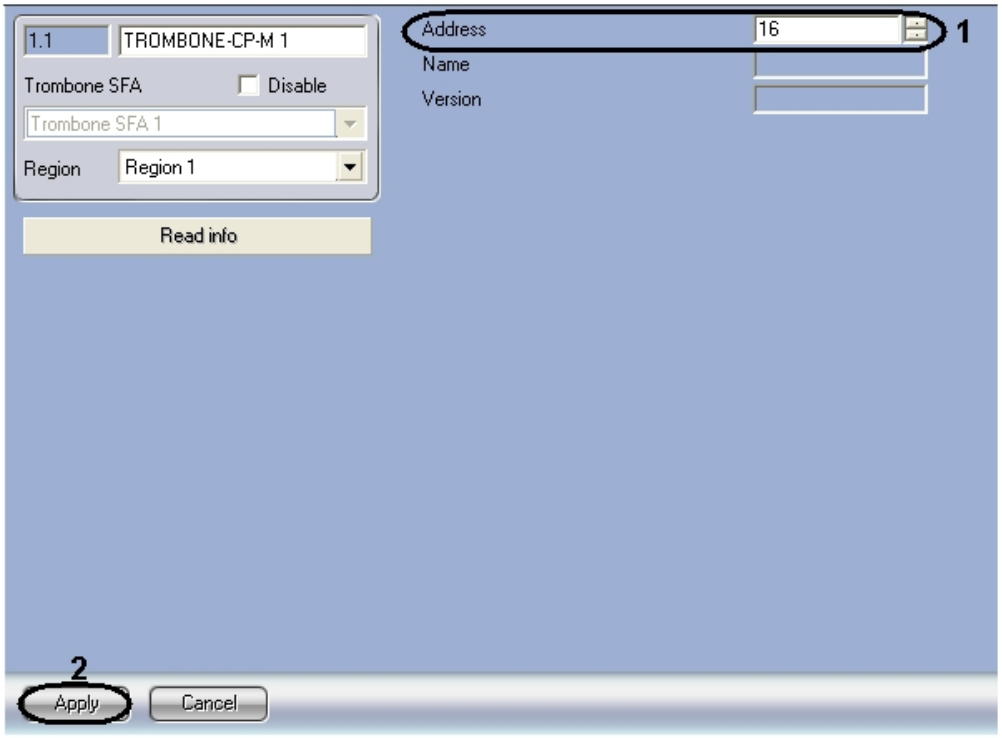
# Setting up Trombone-CP-M device connection

Setting up connection of *Trombone-CP-M* to *Intellect* Server is carried out on the setting panel of **Trombone-CP-M** object. This object is created on the basis of **SGPS Trombone** object in **Hardware** tab of **System setting** dialog box.




Setting up connection of *Trombone-CP-M* device is carried out the following way:

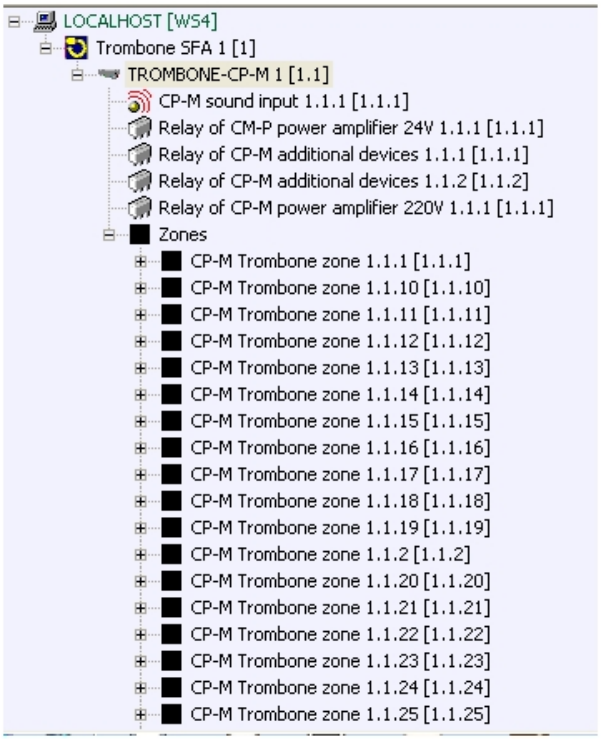
1. Go to setting panel of **Trombone-CP-M** object.




2. Specify the address of *Trombone-CP-M* device (**1**).
3. Click **Apply** button (**2**).

Objects corresponding to executive devices within *Trombone FSA* will be automatically created after the **Trombone-CP-M** object connection. Any manually created extra objects will be ignored by the system.

> **Note:**
> Events from the corresponding devices won't be sent to system if the automatically created objects were deleted. User can create the new object to place the deleted ones.

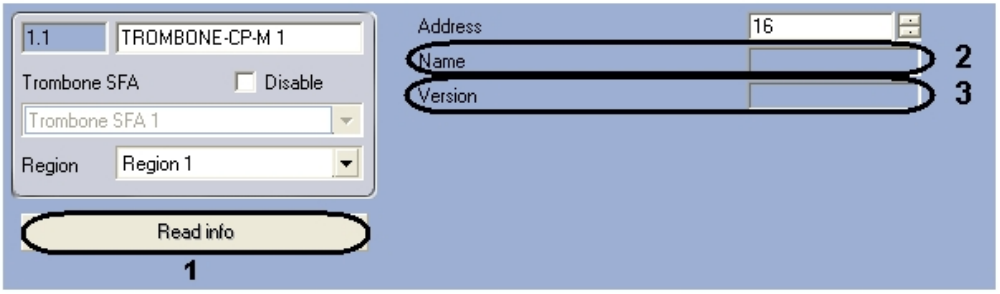



This completes the process of configuring the *Trombone-CP-M* device connection.

# Reading Trombone-CP-M Device Configuration

To read the *Trombone-CP-M* device configuration, do the following:

1. Go to setting panel of **Trombone-CP-M** object.




2. Click the **Read info** button.

**Name** and **Version** field will be updated after reading the *Trombone-CP-M* device configuration (**2**, **3**)**.**

This completes the reading of *Trombone-CP-M* device configuration.

# Working with Trombone integration module

## General information about working with Trombone module

The following interface objects are used for working with *Trombone* integration module:

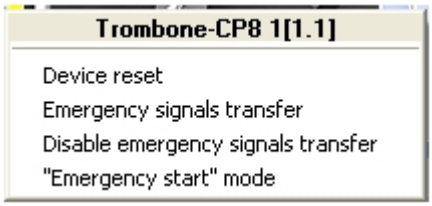
1. **Map;**
2. **Events protocol.**

Information about **Map** and **Events protocol** interface objects' configuration is given in the Intellect Software Package: Administrator's Guide.

For detailed information on how to work with GUI objects, refer to the Intellect Software Package: Operator's Guide.

## Controlling Trombone-CP8 device

Controlling *Trombone-CP8* is carried out in **Map** interactive box using feature menu of **Trombone-CP8** object.

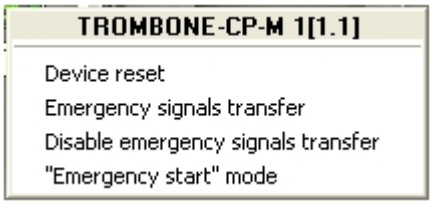



Controlling Trombone-CP8 device

| Menu command | Function |
|---|---|
| Device reset | Arming the device |
| Emergency signals transfer | Engaging emergency services communication mode. If this Brigade Called more is activated, emergency responders are automatically notified by the fire alarm system. |
| Disable emergency signals transfer | Disabling emergency services communication mode. If this Brigade Called more is nota ctivated, emergency responders are not automatically notified by the fire alarm system |
| Emergency start mode | Activating emergency start mode |

## Controlling Trombone-CP-M device

Controlling *Trombone-CP-M* is carried out in **Map** interactive box using feature menu of **Trombone-CP-M** object.




Controlling Trombone-CP-M device

| Menu command | Function |
|---|---|
| Device reset | Arming the device |
| Emergency signals transfer | Engaging emergency services communication mode. If this Brigade Called more is activated, emergency responders are automatically notified by the fire alarm system. |
| Disable emergency signals transfer | Disabling emergency services communication mode. If this Brigade Called more is nota ctivated, emergency responders are not automatically notified by the fire alarm system |
| Emergency start mode | Activating emergency start mode |

# Trombone Alarm Input Control

The alarm input is handled via the **Map** interactive window and the **Alarm input** object functional menu. If you click **Enable Alarm mode**, the corresponding zone switches to the **Alarm** mode.


# Trombone Sound Output Control

The sound output is handled via the **Map** interactive window using the **Sound output** object functional menu.


Sound output object menu commands and corresponding functions

| Menu command | Function |
|---|---|
| Enable Sound notification mode | Enabling audible notification for the given zone |
| Disable Sound notification mode | Disabling audible notification for the given zone |