



# Universal speaker unit and pushbutton expansion

346991 - 346992

## Description

The universal speaker unit can be used to install the 2 WIRE audio system in new or refurbished systems, where special pushbutton panels are present or required (mail boxes, patterned brass, monobloc laminates, etc.) preset for a traditional type speaker module (e.g. 2659N). The universal speaker unit has a set of clamps for the connection of 8 call pushbuttons. In systems with more than 8 call pushbuttons, one item 346992 must be added for every 8 pushbuttons (max. 56); For the connection, the multicable with 2 connectors supplied with item 346992 must be used.

Microphone sensitivity adjustment and loudspeaker volume using dedicated potentiometers. For the control of an electric door lock, an actuator item 346230/346260 appropriately configured must be used.

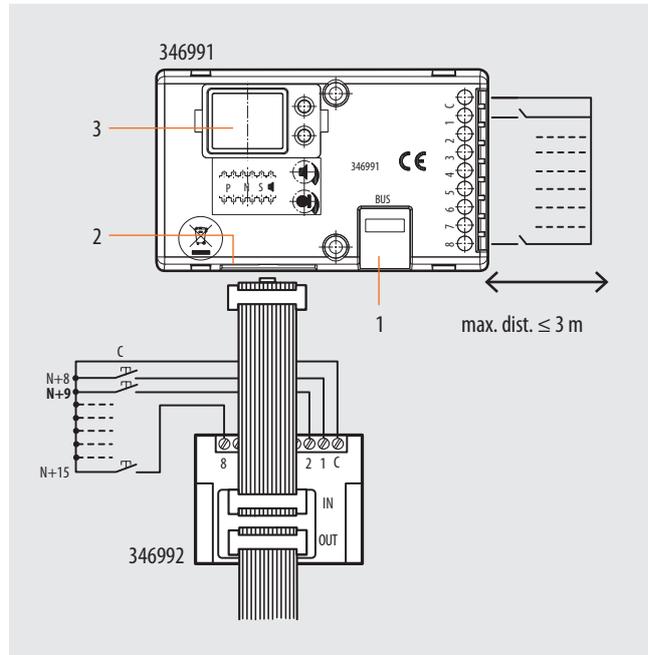
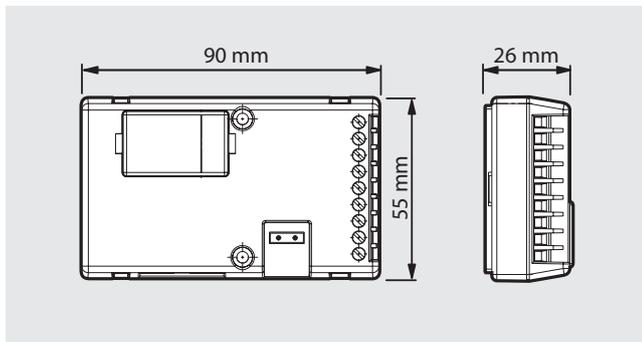
The microphone of the speaker unit may be disconnected from the device and positioned at a distance of 15 cm (max.).

In video systems, the device must be used together with native 2 WIRE cameras or camera with coaxial output using interface item 347400.

## Technical data

Power supply from SCS BUS: 18-27 Vdc  
 Max. operating absorption: 65 mA  
 Stand by absorption: 15 mA  
 Operating temperature: (-25)-(+70)°C

## Dimensional data



## Legend

### Item 346991:

- 1 - Clamps for the connection of the 2 WIRE BUS
- 2 - Item 346992 connector socket
- 3 - Configurator socket
- (C) common pushbuttons
- (1-8) connection of call pushbuttons

### Clamps item 346992:

- (C) common pushbuttons
- (1-8) connection of call pushbuttons

**Configuration**

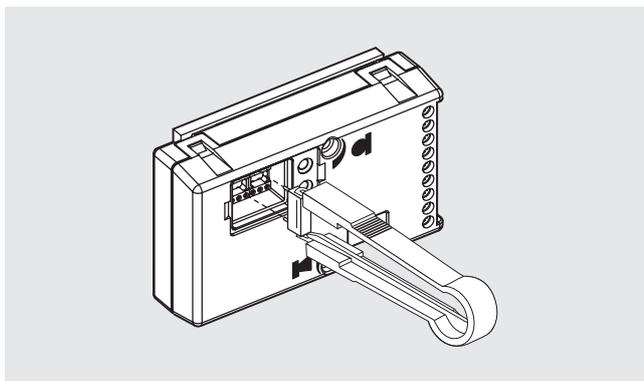
**N – call number**

Assigns the correspondence between the entrance panel pushbuttons, and the audio handsets.

In common entrance panels made using pushbutton modules, 1 must be inserted in N of the speaker module. In secondary entrance panels, the number of the first riser handset must be inserted in N.

**P – entrance panel number**

The configurator in socket P of the speaker module assigns to this a recognition number inside the system. The numbering of the entrance panels must always start from P=0. The entrance panel configured with P=0 must be a common (or main) entrance panel.



**S – type of call signal**

The configuration of S determines the call tone of SPRINT handsets. One can thus differentiate the calls from different entrance panels.

**Table for SPRINT handset call signal**

| Configurator | 0      | 1      | 2      | 3        |
|--------------|--------|--------|--------|----------|
| Type of bell | 2-tone | 2-tone | 2-tone | One-tone |
|              | 1200Hz | 1200Hz | 1200Hz | 1200Hz   |
|              | 600Hz  | 0 Hz   | 2400Hz |          |

For the SWING, PIVOT, POLYX and AXOLUTE handsets, the S configurator associates the entrance panel to the bell programmed in the same apartment. It is possible to chose between 16 different bells. In one-family systems, S=9 configures the general call and the handsets ring, the same as with the S=0.

**call sound volume adjustment**

| Configurator | 8    | 3    | 0                          |
|--------------|------|------|----------------------------|
| Type of bell | max. | min. | excluded call confirmation |