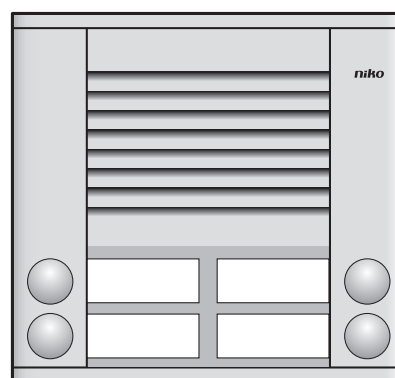


External audio unit for surface mounting with two columns of bell push buttons, 20 mm

The solid unit for surface mounting, which is completely finished in up to 7 mm thick aluminium, is equipped with an adjustable microphone and loudspeaker as well as text fields for personalisation provided with vandal-proof plexiglas (5 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The push buttons can also be used for switching the light. The unit for surface mounting has two columns of bell push buttons, and is therefore suitable for large housing complexes. This device is available with maximum 92 bell push buttons by means of the extension modules. The extension module has the same finish as the external unit. Since the module is opened at the bottom, it has to be mounted sidelong on the external unit.



10-104

4 year
warranty

Surface-mounting external unit 20 mm with 4 bells in two rows



This compact surface-mounting unit in aluminium has a surface-mounting height of only 16 mm 20 mm. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. With its double row of bells, this surface-mounting unit is extremely well-suited for large residential complexes. This external unit has 4 bells in two rows.

Surface-mounting external unit 20 mm with 4 bells in two rows.

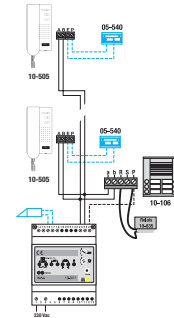
- each non-programmed push button can operate the light, light symbol supplied
- 2 internal units can be linked to each push button bell
- Acknowledgement tone when pressing the bell button
- material push buttons: metal with gilded, maintenance-free contacts
- long-life energy-saving name plate lighting
- 5 mm thick, indestructible and vandal proof name place in Plexiglass
- internal memory for the exchange of data between identical external units (EEPROM)
- Dimensions name field: 15 x 39 mm (HxW)
- Microphone: volume and microphone sensitivity can be adjusted manually
- Wiring technique: 3-wire technology recommended, 2-wire technology possible
- R-terminal to connect an extended function (e.g. door release)
- door opener time on R-terminal: 3 s (can be adjusted via service unit)
- activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
- speech connection during activation of the door relay (can be adjusted via service unit)
- length of conversation: 56 s (can be adjusted via service unit).
- Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 16 \text{ mA}$ in standby
- Maximum input current: $I(P_{\text{max}}) = 65 \text{ mA}$
- Minimum ambient temperature: $-20 \text{ }^{\circ}\text{C}$
- Maximum ambient temperature: $+50 \text{ }^{\circ}\text{C}$
- Finishing colour: grey
- Marking: CE



10-106

4 year
warranty

Surface-mounting external unit 20 mm with 6 bells in two rows



This compact surface-mounting unit in aluminium has a surface-mounting height of only 16 mm 20 mm. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. With its double row of bells, this surface-mounting unit is extremely well-suited for large residential complexes. This external unit has 6 bells in two rows.

Surface-mounting external unit 20 mm with 6 bells in two rows.

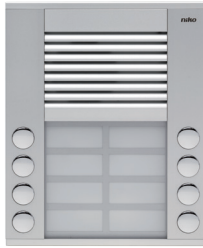
- each non-programmed push button can operate the light, light symbol supplied
- 2 internal units can be linked to each push button bell
- Acknowledgement tone when pressing the bell button
- material push buttons: metal with gilded, maintenance-free contacts
- long-life energy-saving name plate lighting
- 5 mm thick, indestructible and vandal proof name place in Plexiglass
- internal memory for the exchange of data between identical external units (EEPROM)
- Dimensions name field: 15 x 39 mm (HxW)
- Microphone: volume and microphone sensitivity can be adjusted manually
- Wiring technique: 3-wire technology recommended, 2-wire technology possible
- R-terminal to connect an extended function (e.g. door release)
- door opener time on R-terminal: 3 s (can be adjusted via service unit)
- activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
- speech connection during activation of the door relay (can be adjusted via service unit)
- length of conversation: 56 s (can be adjusted via service unit).
- Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 16 \text{ mA}$ in standby
- Maximum input current: $I(P_{max}) = 65 \text{ mA}$
- Minimum ambient temperature: $-20 \text{ }^{\circ}\text{C}$
- Maximum ambient temperature: $+50 \text{ }^{\circ}\text{C}$
- Finishing colour: grey
- Marking: CE



10-108

4 year
warranty

Surface-mounting external unit 20 mm with 8 bells in two rows



This compact surface-mounting unit in aluminium has a surface-mounting height of only 16 mm 20 mm. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. With its double row of bells, this surface-mounting unit is extremely well-suited for large residential complexes. This external unit has 8 bells in two rows.

Surface-mounting external unit 20 mm with 8 bells in two rows.

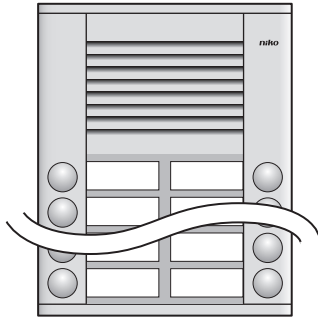
- each non-programmed push button can operate the light, light symbol supplied
- 2 internal units can be linked to each push button bell
- Acknowledgement tone when pressing the bell button
- material push buttons: metal with gilded, maintenance-free contacts
- long-life energy-saving name plate lighting
- 5 mm thick, indestructible and vandal proof name place in Plexiglass
- internal memory for the exchange of data between identical external units (EEPROM)
- Dimensions name field: 15 x 39 mm (HxW)
- Microphone: volume and microphone sensitivity can be adjusted manually
- Wiring technique: 3-wire technology recommended, 2-wire technology possible
- R-terminal to connect an extended function (e.g. door release)
- door opener time on R-terminal: 3 s (can be adjusted via service unit)
- activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
- speech connection during activation of the door relay (can be adjusted via service unit)
- length of conversation: 56 s (can be adjusted via service unit).
- Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 16 \text{ mA}$ in standby
- Maximum input current: $I(P_{\text{max}}) = 65 \text{ mA}$
- Minimum ambient temperature: $-20 \text{ }^{\circ}\text{C}$
- Maximum ambient temperature: $+50 \text{ }^{\circ}\text{C}$
- Finishing colour: grey
- Marking: CE



10-110

4 year
warranty

Surface-mounting external unit 20 mm with 10 bells in two rows



This compact surface-mounting unit in aluminium has a surface-mounting height of only 16 mm 20 mm. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. With its double row of bells, this surface-mounting unit is extremely well-suited for large residential complexes. This external unit has 10 bells in two rows.

Surface-mounting external unit 20 mm with 10 bells in two rows.

- each non-programmed push button can operate the light, light symbol supplied
- 2 internal units can be linked to each push button bell
- Acknowledgement tone when pressing the bell button
- material push buttons: metal with gilded, maintenance-free contacts
- long-life energy-saving name plate lighting
- 5 mm thick, indestructible and vandal proof name place in Plexiglass
- internal memory for the exchange of data between identical external units (EEPROM)
- Dimensions name field: 15 x 39 mm (HxW)
- Microphone: volume and microphone sensitivity can be adjusted manually
- Wiring technique: 3-wire technology recommended, 2-wire technology possible
- R-terminal to connect an extended function (e.g. door release)
- door opener time on R-terminal: 3 s (can be adjusted via service unit)
- activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
- speech connection during activation of the door relay (can be adjusted via service unit)
- length of conversation: 56 s (can be adjusted via service unit).
- Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 16 \text{ mA}$ in standby
- Maximum input current: $I(P_{max}) = 65 \text{ mA}$
- Minimum ambient temperature: $-20 \text{ }^{\circ}\text{C}$
- Maximum ambient temperature: $+50 \text{ }^{\circ}\text{C}$
- Finishing colour: grey
- Marking: CE

