

Options

Induction amplifier for public and service side

By switching their hearing aid to the telephone position the hearing impaired will hear the counter staff perfectly without ambient noise.

public side
Part no. 40.054.309

service side
Part no. 40.054.310

The service side induction amplifier may be used additionally on the public side if required.

Induction rod with pictogram
Part no. 40.054.312

Headset / Handset Interface for service side
Part no. 40.054.313

Headset / Handset Interface for public side
Part no. 40.054.314

Headset models as per separate list

Handset with support
Part no. 40.054.315

Additional Public Side

Positions

Only possible with
desktop version 40.054.301
and built-in version 40.054.302

Position 2
Part no. 40.054.316

Positions 2 + 3
Part no. 40.054.317

Positions 2 + 3 + 4
Part no. 40.054.318

Gong
Part no. 40.054.319

Call button
vandal resistant
Part no. 40.054.320

Additional 2nd Service Side Position
Part no. 40.054.322

Door Lock Release Function

NPN Output
Part no. 40.054.323
Only possible with
desktop version 40.054.301
and built-in version 40.054.302

Programmable Relay Box
f.ex. for door control
Part no. 40.054.324

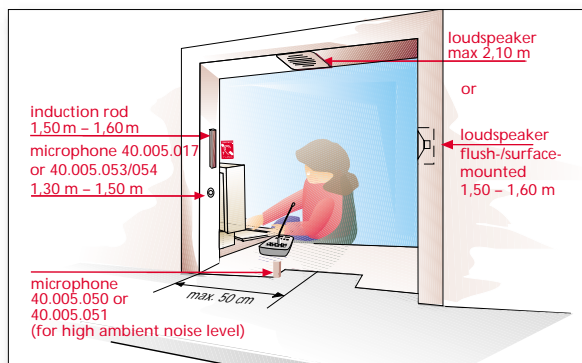
Door station
Anodized aluminium front plate (260x130x1,5) with call button, encapsulated stainless steel microphone and loudspeaker
Part no. 40.054.325

Repeater
for long cable distances
Part no. 40.054.326

Important Note:
When ordering, please state all options required, since subsequent expansions are not possible.

Planning Advice:

- The loudspeaker should be placed as near as possible to the listener's ear. The microphone should be as near the speaker's mouth as possible, but as far from the loudspeaker as circumstances allow.
- Loudspeaker on the public side:
 - At the side at 1,50 - 1,60 m from the ground (preferred position)
 - Overhead at max. 2,10 m from the ground
- Speaking distance to the microphone:
 - 10 - 30 cm on the service side
 - 50 cm on the public side



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public III

the Intercom System
for Service Counters



Where can you use the public?

At all service counters where glass security screens hinder effective communication.

Why Clarson's public?

- Open duplex technology – natural hands-free dialogue in both directions
- Temporary volume increase (double volume)
- Automatic mute - public and service side microphones are switched off if no one speaks
- Individual service and public side microphone squelch sensitivity control
- Increased interference immunity due to balanced audio in- and outputs

Operating Modes:

Standard

Open duplex operation after activation of button ①

Push-to-talk

Button ① must be pressed whilst speaking

Boost

Double volume on the service side - half volume on the public side

Button ② + pressed: Double volume on the public side - half volume on the service side

Headset/Handset

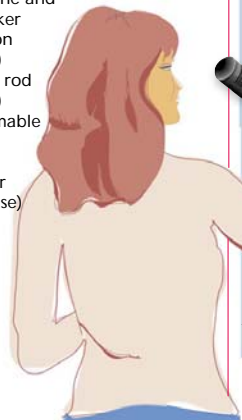
On service or public side depending on system configuration (see options)

Components - Service Side:

- Central unit
- Microphone, loudspeaker, push buttons and LEDs (see models on the right)
- Power supply 15V/1A DC
- RJ45 socket
- Induction rod (optional)

Components - Public Side:

- Microphone and loudspeaker
- Call button (optional)
- Induction rod (optional)
- Programmable relay box (optional, f. ex. door lock release)



Service Side

Central Unit

The central unit is the key component of each installation. The case incorporates terminals for

- power supply (RJ12)
- service side peripherals (RJ45)
- optional headset/handset on the service side (RJ45)
- public side peripherals (RJ45)
- optional headset/handset on the public side (RJ10)

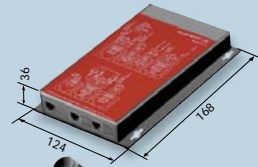
Individual volume control for

- service side
- public side
- public side microphone squelch sensitivity

- service side microphone squelch sensitivity
- headset/handset service side
- headset/handset public side
- gong

The central unit is normally mounted under the desk or on an adjacent wall.

Part no. **40.054.311**



Microphone Loudspeaker Unit

consisting of:

- swan-neck microphone, fully flexible, 36 cm
- built-in loudspeaker
- ON/Off button ①
- volume increase button ② +
- LEDs indicating current mode
- buttons 2/3/4 for additional public side positions
- door lock release button ③

Desktop version

ABS case, RAL 260 40 10

Part no. **40.054.301**

Built-in version

metallic anodized aluminium plate

Part no. **40.054.302**



Swan-neck microphone on rectangular mounting plate

metallic anodized aluminium
2 push buttons/2 LEDs

Part no. **40.054.331**

Loudspeaker to be ordered separately!

Swan-neck microphone on round mounting plate

metallic anodized aluminium
2 push buttons/2 LEDs

Part no. **40.054.332**

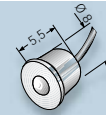


Public Side

Omnidirectional electret microphone

in stainless steel capsule, vandal resistant, 3,5 m connection cable

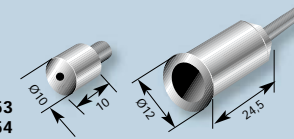
Part no. **40.005.017**



Omnidirectional electret microphone with plug, vandal resistant

to be pressed into stainless steel capsule, 3,5 m connection cable

Microphone Part no. **40.005.053**
Capsule Part no. **40.005.054**



Directional electret microphone

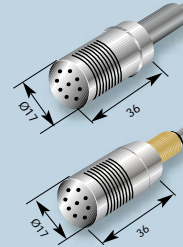
in stainless steel case with plug and jack, Ø17x 36mm, vandal resistant, 3,5 m connection cable

Part no. **40.005.050**

Directional electret microphone

in stainless steel case, Ø17x36mm, vandal resistant, with M10x1 fine-pitch thread, 3,5 m connection cable

Part no. **40.005.051**



Microphone mounting base without microphone

To be used at wide windows to ensure a max. speech distance of 50 cm to the microphone.

Part no. **40.005.022**

The above listed microphones will be delivered mounted into the base, but should be ordered separately.



Ordering Advices for Standard Configurations

Desktop version

Part no. **40.054.306** comprising:
central unit 40.054.311
microphone/speaker on mounting plate 40.054.302
encapsulated microph. 40.005.017
power supply 40.054.300
RJ45 socket 40.054.305

Built-in version

Part no. **40.054.303** comprising:
central unit 40.054.311
microphone/speaker on mounting plate 40.054.302
encapsulated microph. 40.005.017
power supply 40.054.300
RJ45 socket 40.054.305

Space-saving built-in versions

Part no. **40.054.304** comprising:
central unit 40.054.311
microphone on plate 40.054.331
encapsulated microph. 40.005.017
power supply 40.054.300
RJ45 socket 40.054.305

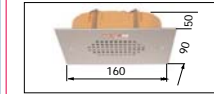
Part no. **40.054.308** comprising:
central unit 40.054.311
microphone on round mounting plate 40.054.332
encapsulated microph. 40.005.017
power supply 40.054.300
RJ45 socket 40.054.305



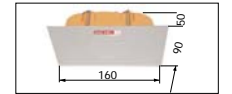
Loudspeakers for Service and Public Side

5 W / 8 Ω, mat natural anodized aluminium panel, case spray painted in aluminium look to Ø006 or black plastic case, 5 m cable

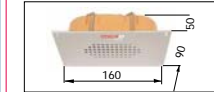
Flush-mounted loudspeakers



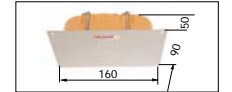
Part no. **40.006.100**



Part no. **40.006.101**

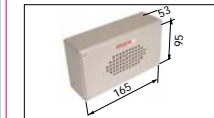


Part no. **40.006.102**

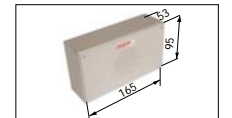


Part no. **40.006.103**

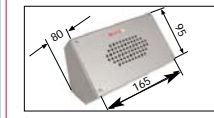
Surface-mounted loudspeakers



Part no. **40.006.104**



Part no. **40.006.105**



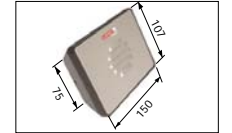
Part no. **40.006.106**



Part no. **40.006.107**



Part no. **40.006.108**



Part no. **40.006.109**

Flush-mounted ceiling loudspeaker

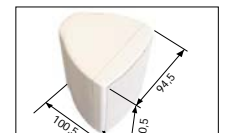
6 W / 20 Ω mounting ring and perforated alu grill white RAL 9016



Part no. **40.006.110**

Wall or ceiling-mounted box

10 W / 8 Ω plastic housing, metal grill, white RAL 9003 with mounting brackets



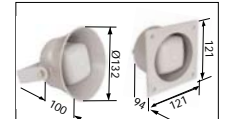
Part no. **40.006.111**

Surface-mounted loudspeaker 6W/20 Ω

plastic housing, perforated metal grill, white RAL 9016

Part no. **40.006.112**

Pressure Chamber Loudspeaker 6 W/20 Ω



Part no. **40.006.113**

flush-mounted

Part no. **40.006.114**

OPTIONS see overleaf Loudspeaker(s) to be ordered separately