

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

flex. 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

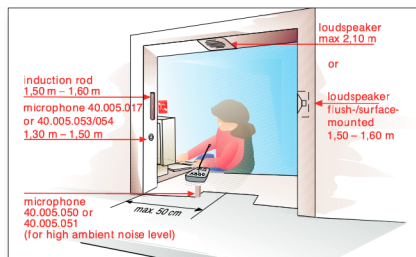
Part no. 40.054.326

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



Clarson Apparatebau GmbH

Zeppelinstraße 4
D-78083 Dauchingen
Postfach 1163
D-78080 Dauchingen
Telefon +49 (0)7720/9956-0
Fax +49 (0)7720/9956-22
e-Mail clarson@clarson.de
Homepage www.clarson.de

Your partner for sales and service:

public

the Intercom System
for Service Counters

CLARSON®



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

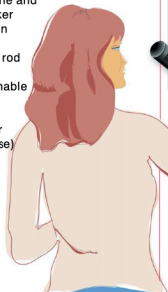
On service or public side depending on system configuration (see options)

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

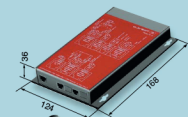
Central Unit

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 2604010

Part no. 40.054.301

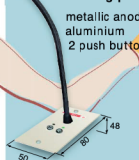
Built-in version

metallic anodized aluminium plate

Part no. 40.054.302

Swan-neck microphone on rectangular mounting plate

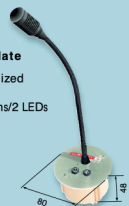
metallic anodized aluminium
2 push buttons/2 LEDs



Part no. 40.054.331

Swan-neck microphone on round mounting plate

metallic anodized aluminium
2 push buttons/2 LEDs



Part no. 40.054.332

Loudspeaker to be ordered separately!

Public Side

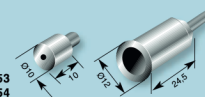
Omnidirectional electret microphone

in stainless steel capsule, vandal resistant, 3.5 m connection cable
Part no. 40.005.017



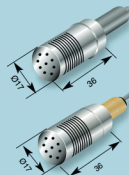
Omnidirectional electret microphone

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, Ø17x36mm, 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/loudspeaker unit 40.054.301
- encapsulated microph. 40.005.017
- power supply 40.054.300
- RJ45 socket 40.054.305

Built-in version

Part no. 40.054.303

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

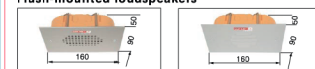
- comprising:
- central unit 40.054.311
- microphone on round mounting plate 40.054.332
- encapsulated microph. 40.005.017
- power supply 40.054.300
- RJ45 socket 40.054.305



Loudspeakers for Service and Public Side

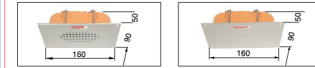
5 W / 8 Ω, mat natural anodized aluminium front panel, case spray painted in aluminium look to RAL 9006 or black plastic case, 5 m cable

Flush-mounted loudspeakers



Part no. 40.006.100

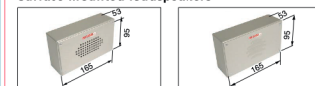
Part no. 40.006.101



Part no. 40.006.102

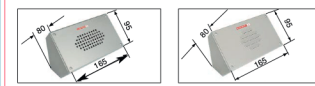
Part no. 40.006.103

Surface-mounted loudspeakers



Part no. 40.006.104

Part no. 40.006.105



Part no. 40.006.106

Part no. 40.006.107

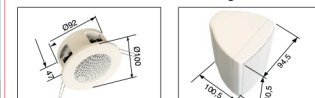


Part no. 40.006.108

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

Part no. 40.006.111

Surface-mounted loudspeaker 6W/20 Ω

plastic housing, perforated metal grill, white RAL 9016

Part no. 40.006.112



Part no. 40.006.113

flush-mounted

Part no. 40.006.114

flush-mounted

OPTIONS see over/leaf

Loudspeaker(s) to be ordered separately