



Options

Induction amplifier with rod and pictogram

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

Part no. 40.054.11

Microphone/loudspeaker unit free-standing version

for 3 public positions

Part no. 40.054.17

Microphone/loudspeaker unit built-in version

for 3 public positions

Part no. 40.054.20

Switching unit

for 3 public positions

Part no. 40.054.14

Switching unit

for 3 service positions

Part no. 40.054.18

Booster amplifier

for separate loudspeaker with button

Part no. 40.054.19

Digital chime

for service side with button

Part no. 40.054.33

Digital chime

for public side

Part no. 40.054.34

Digital speech module

for public side with button

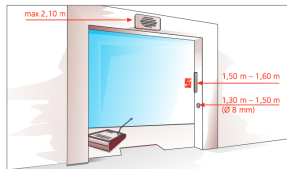
Part no. 40.054.35

Planning advice:

1. 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.
2. Max. height of loudspeaker from the ground: 2-10 m.
3. Speaking distance to the microphone:
on the service side 20 - 30 cm
on the public side 50 cm

See also separate project aid

Special modifications upon request



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Your partner for sales and service

public

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, i.e. natural hands-free dialogue
- automatic dormant mode, i.e. when not in use the system switches off, but is instantly voice activated
- additional 6 dB amplifier, i.e. volume can be increased by 6 dB

The Components

A complete counter intercom system requires:

on the service side

- the central unit
- microphone and loudspeaker

on the public side

- microphone and loudspeaker

Service Side

Central unit

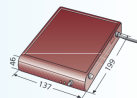
The central unit is the key component for each installation. The two-piece ABS plastic case houses processor unit, amplifier, power supply with 1.6 m Euro cable, connecting terminals

The case incorporates:

- one button for switching on/off and 6 dB volume increase
- two diodes indicating current mode

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

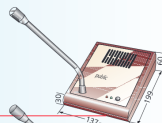
Adjustable to 110 – 150 VAC/60 Hz, 220 – 260 VAC/50 Hz, 24 VDC connection **Ref. no. 40.054.12**



Microphone/loudspeaker unit

consisting of:

- swan-neck microphone, 32 cm
- built-in loudspeaker
- one button for switching on/off and 6 dB volume increase
- two diodes indicating current mode
- 1.6 m cable with plug for connection to central unit



Free-standing version

ABS plastic case
metallic anodized aluminium plate
Part no. 40.054.16

Built-in version

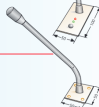
metallic anodized aluminium
Part no. 40.054.23

Swan-neck microphone on mounting plate

metallic anodized aluminium
Part no. 40.054.21
Loudspeaker to be ordered separately!

Swan-neck microphone on mounting plate

metallic anodized aluminium
without button and leds
Part no. 40.054.22
Loudspeaker to be ordered separately!



Public Side

Omnidirectional electret microphone

in stainless steel capsule, water-resistant IP 64, variable impedance 1.6 kΩ, sensitivity – 63 dB, with 2.5 m connecting cable to central unit.
Part no. 40.005.17



Directional electret microphone

in stainless steel capsule, impedance 1.6 kΩ, sensitivity – 67 dB, with 2.5 m connecting cable to central unit. Recommended in case of high ambient noise levels
Part no. 40.005.25



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. 40.005.22

The microphones 40.005.17 or 40.005.25 will be delivered mounted into the base, but should be ordered separately.



Loudspeakers for Service and Public Side

Flush-mounted loudspeaker

2 W/16 Ω
metallic anodized aluminium face plate and polystyrene recess box
Part no. 40.006.12



Surface-mounted loudspeaker

2 W/16 Ω
metallic anodized aluminium face plate and polystyrene box
Part no. 40.006.17



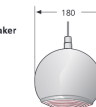
Flush-mounted ceiling loudspeaker

2 W/16 Ω
mounting ring and white perforated aluminium grill
Part no. 40.006.07



Ball loudspeaker

6 W/16 Ω
for suspension applications
Part no. 40.006.03



Ordering advice

Standard free-standing version

Part no. 40.054.06
comprising:
central unit 40.054.12
microphone/loudspeaker 40.054.16
encapsulated microphone 40.005.17

Space-saving built-in version

Part no. 40.054.08
comprising:
central unit 40.054.12
microphone 40.054.22
encapsulated microphone 40.005.17
Loudspeakers to be ordered separately