



Matrix

Security
in technology

Matrix

Solid and antivandal modular door station series, elegant and reliable with push buttons and modules in stainless steel. Matrix is conceived to be resistant to breaking, water spout and solid penetration, it's guaranteed by IP45 degree for solid items introduction protection and by IK09 degree for mechanical shocks. All the modules are backlit thanks to green LED's for easy identification especially in poorly illuminated situations. The modularity allows installations of great number of users and configurations in vertical or horizontal way. The range is complete with aluminium front frames and built-in or surface mounting boxes. In a single module can be integrated push button, door speaker and camera, so that Matrix can be the ideal solution starting from one-way installations up to the most complex cases.



VIDEO INTERCOM COMPOSITION

CCD CAMERA MODULES

with orientable lens with 6 LED's and autoiris with electric door speaker integrated



MA43CED

Dim: mm 115 x 115
Audio and video module with 1 chime button for 4+1 video system without coaxial cable
camera | colour / fixed 3.6 mm lens



MA43ED

Dim: mm 115 x 115
Audio and video module with 1 chime button for 4+1 video system without coaxial cable
camera | black/white / fixed 3.6 mm lens



MA42C

Dim: mm 115 x 115
Audio and video module for video system with coaxial cable
camera | colour / fixed 3.6 mm lens



MA43C

Dim: mm 115 x 115
Audio and video module with 1 chime button for video system with coaxial cable
camera | colour / fixed 3.6 mm lens



MA42

Dim: mm 115 x 115
Audio and video module for video system with coaxial cable
camera | black/white / fixed 3.6 mm lens



MA43

Dim: mm 115 x 115
Audio and video module with 1 chime button for video system with coaxial cable
camera | black/white / fixed 3.6 mm lens

MODULES WITH DOOR SPEAKER INTEGRATED

for audio systems with electronic or alternate current call and for Digital System FN4000.



MA10P

Dim: mm 115 x 115
Without call button



MA11P

Dim: mm 115 x 115
With 1 call button



MA12P

Dim: mm 115 x 115
With 2 call buttons

ADDITIONAL BUTTON MODULES



MA22

Dim: mm 115 x 115
With 2 call buttons



MA24

Dim: mm 115 x 115
With 4 call buttons

OTHER MODULES



MA20

Dim: mm 115 x 115
Blank module



241DMA

4 diode module to be inserted in button modules MA22, MA24 for reduced wire technology.



VIDEOINTERCOM COMPOSITION WITH DIGITAL CHIME

DIGITAL EXTERNAL DOOR STATIONS DUO system **DUO**



TD2100MA

Dim: mm 115 x 115

Digital door station, with stainless steel front plate and 14 buttons. Equipped with 16-digit display on 2 lines. It allows the call from the user by dialling the corresponding number and electric lock release by entering the private code. The electronic index is also integrated, which gives the possibility to scroll the names in alphabetical order and select the desired one. It contains up to 250 name users.

CONVENTIONAL EXTERNAL DOOR STATIONS DUO system **DUO**



CD2132MA

Dim: mm 115 x 115

Digitizer for Duo System with 2 call buttons. It is contained in a single module and allows to code up to 63 users.



CD2134MA

Dim: mm 115 x 115

Digitizer for Duo System with 4 call buttons. It is contained in a single module and allows to code up to 63 users.

AUDIO AND CAMERA MODULES DUO system **DUO**



VD2120CMA

Dim: mm 115 x 115

Colour camera with 3.6 mm fixed lens without call buttons with door speaker integrated.



VD2120MA

Dim: mm 115 x 115

B/w video external door station for Duo System. Camera is equipped with fixed 3.6 mm lens.



AD2110MA

Dim: mm 115 x 115

Audio external door station for Duo System, with no call button.

ADDITIONAL BUTTON MODULES DIGITAL SYSTEMS



MA22S

Dim: mm 115 x 115

Additional button module with 2 call buttons to be combined with CD2132MA or CD2134MA. Encoding board for 2 buttons integrated.



MA24S

Dim: mm 115 x 115

Additional button module with 4 call buttons to be combined with CD2132MA or CD2134MA. Encoding board for 4 buttons integrated.



INTERCOM COMPOSITION FN4000

DIGITAL DOOR STATIONS FN4000 BASED ON FARNET



TD4100MA

Dim: mm 115 x 115

Digital door station of Matrix series with front plate and 14 Key in stainless steel. It is equipped with 16 characters on 2 lines display. It allows the user chime by dialling the corresponding number and electric locks release by entering the private code. The electronic index is also integrated. Scrolling function allows to display the tenant names in alphabetical sequence and the call is activated pressing the chime button. It contains up to 250 name users.

MATRIX CONVENTIONAL EXTERNAL DOOR STATIONS FN4000 BASED ON FARNET

In order to make a conventional door station it is necessary to use CD4130MA digitizer to be joint to MA22 and MA24 conventional button modules or to MA22S and MA24S button modules. Of course as regards the wall mounting, back boxes MA7.. series, front frames MA6... series and surface mounting boxes MA9...series can be used.



CD4130MA

Dim: mm 115 x 115

Digitizer for conventional push button panels, it is contained in a Matrix single module and allows for coding up to 63 users.

AUDIO AND CAMERA MODULES FN4000 BASED ON FARNET



MA42CDG

Dim: mm 115 x 115

Colour camera module 3.6mm fixed lens, with door speaker



MA42DG

Dim: mm 115 x 115

B/w camera module 3.6mm fixed lens, with door speaker



MA43CDG

Dim: mm 115 x 115

Colour camera module 3.6mm fixed lens, with 1 call button, with door speaker



MA43DG

Dim: mm 115 x 115

B/w camera module 3.6mm fixed lens, with door speaker, with 1 call button

Audio modules to be used for FN4000 digital system are the same of analogue system.



FC52MA

MODULE FOR ACCESS CONTROL

FC52MA ▲

Dim: mm 115 x 115 x 57

Anti-vandal stand alone keypad (IP45, with stainless steel front plate and buttons) that can be installed singularly or combining it with conventional or digital audio or video Matrix composition. It works with 2 relays for lock opening, access control etc. with 12 programmable codes from 1 to 8 digits for each relay. Possibility to activate relays with additional buttons (exit button). Programmable timer from 1 to 99 seconds in monostable working, or bistable operation. Flush mounting with MATRIX accessories. Power Supply: 12 Vac/dc.

FRONT FRAMES

The frames are made of die cast aluminium and they are available in three different sizes according to 1, 2 or 3 module configuration. They are thought to contain modules in vertical or horizontal mounting available in light metallized anthracite colour.

MA61

Dim: mm 140 x 140

Front frame for 1 module

MA62

Dim: mm 140 x 257

Front frame for 2 modules

MA63

Dim: mm 140 x 374

Front frame for 3 modules

BUILT-IN BACK BOXES

Back boxes are available in three sizes to permit the wall flush mounting installation of 1, 2 and 3 modules. They are provided with metal frames that allow the correct alignment of the function modules. Properly mounted they allow the installation of a great number of users.

MA71

Dim: mm 128 x 128

Back box for 1 module

MA72

Dim: mm 128 x 245

Back box for 2 modules

MA73

Dim: mm 128 x 362

Back box for 3 modules

SURFACE MOUNTING BOXES

Elegant boxes for surface mounted installations in stainless steel with proper depth and dimensions, that allow to keep the necessary solidity and the fixing with easy and direct mounting of the button modules together with the module frames as decorative elements. According to Matrix range, the surface mounting boxes are available for 1, 2 and 3 modules.

MA91

Dim: mm 146 x 145

Surface mounting box for 1 module

MA92

Dim: mm 146 x 262

Surface mounting box for 2 modules

MA93

Dim: mm 146 x 379

Surface mounting box for 3 modules