Digital and analog intercom

INTERCOMMUNICATION FLEXIBILITY
COMBINED WITH MULTI-NETWORK STRENGTH

maylis

Maylis is a complete bus/star network connection intercommunication system which uses the latest digital technologies that are the result of CASTEL's 40 years' experience to respond to the most diverse requirements.

STANDARD QUOTES AND SCHEMATICS

Complete intercommunication between stations using simplex, half-duplex and full duplex	
Programmed touch or keypad calling	
Call multi-functions: group calls, general calls, call privacy, priority management, call waiting, forwarding, automatic redial, busy over-ride, «do not disturb», «follow me», conferencing, transfers, etc.	
Local or remote control (barriers, release, etc.)	
Level adjustment (phone and ring tone)	
Line monitoring	
PC supervision and configuration	
Centrals network connection	
Selectable list name index with alphanumerical display and direct dialling	
M Hyb IP: remote site IP interfacing, SIP telephone network connection, VDIP Evolution range and CAP IP, XELLIP intercom stations compatible	
Optional: telephone forwarding, messaging service, sound diffusion (music, alarms, etc.), ambient noise detection, etc.	

Main applications

Access, security and service intercom (intercommunication): tertiary industry and industrial sites, hospital centres, retirement homes, laboratories, industrial kitchens, high-rise buildings, public buildings, car parks, motorway toll booths, ports, theatres, lifts, fold-away city terminals, military sites, prisons, etc., and many other customised applications.

Main benefits

Configuration software (Castel Pilot)

CASTEL's bus-star authorised network connections, expertise and intercom strong points

Strength communication, flexible, easy to install, use and update, large range of peripherals (desk stations, door entry stations, industrial stations, water proof, easy to clean, DDA compliant stations, etc.).

Hybrid IP and digital technology

IP / SIP interface to combine our digital and IP ranges. With its multi-protocol IP/SIP management, Maylis can interface with SIP telephones, as well as with stations in the XELLIP, CAP IP and VDIP Evolution ranges.

System resources

Intercommunication totale (plus de 1000 postes), 20 voies de communications simultanées, téléalimentation des postes.

Tailor made maintenance

A rack with standard cards, detection and line fault signalling, programming and installation monitoring on a computer.

Multi-network

Coupling, optical links, IP centrals interfacing with video multiplexer, people seeking, options for creating communication sub-networks with priority call management.

Intra-departmental communication security

Software and configuration

- configured to various network units (central, card, station, etc.)
- station configuration and testing
- station and network connection configuration printing
- history functions
- station emulation
- network connection backup
- shared access network connection

CASTEL Supervisor

Digital	Bus and/or star wiring	Intern or distant remote control (barrier, door release)	Full duplex Half duplex Simplex	IP interface (M Hyb IP)	XELLIP, CAP IP, VDIP Evolution compatible	DDA stations compliant
Wiring: 3 pairs 9/10	Full intercommunication between all stations	Lines monitoring	DSP technology	SIP compatible	Configuration software	Supervision software

Digital and analog intercom

⋮⋮ MASTER STATIONS

MP
Maylis master station
REF **440.2000-1**
> Desktop or wall mount station
> LCD display (2 lines x 16 characters)
> Numeric keypad and functions keys
> 11 keys and 1 programmable relay
> ABS case
> IP40 rating
> 15V to 30V power supply (through central or external)
> H 265 mm x W 138 mm x D 70 mm

MPP
Maylis master station build-in version
REF **440.2100-1**
> Flush or surface mounted
> LCD display (2 lines x 16 characters)
> Numeric keypad and functions keys
> 11 keys and 1 programmable relay
> Anodized aluminium front panel
> IP40 rating
> 15V to 30V power supply (through central or external)
> H 280 mm x W 170 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282.5 mm x W 172.5 mm x D 65 mm
  (surface-mounted with optional MKSP surface box)

⋮⋮ MASTER STATIONS FOR INDUSTRIAL SECTOR

MPE
Maylis master station waterproof version
REF **440.2200-1**
> Flush or surface mounted
> LCD display (2 lines x 16 characters)
> Numeric keypad and functions keys
> 11 keys and 1 programmable relay
> Stainless steel polished front panel
> IP66 rating
> 15V to 30V power supply (through central or external)
> H 280 mm x W 170 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282.5 mm x W 172.5 mm x D 65 mm
  (surface-mounted with surface box)

MPE ENV BRUYANT
Maylis master station waterproof version with gooseneck
microphone and noise canceling board integrated - for noisy
environment
REF **440.2220**

⋮⋮ MASTER STATION FOR MEDICAL SECTOR

MED
Waterproof Disinfectant-resistant Maylis master station
REF **440.2300-1**
> Flush or surface mounted
> LCD display (2 lines x 16 characters)
> Numeric keypad and functions keys
> 6 keys and 1 programmable relay
> Disinfectant-resistant polyester front panel
> IP64 rating
> 15V to 30V power supply (through central or external)
> H 280 mm x W 130 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282.5 mm x W 132.5 mm x D 65 mm
  (surface-mounted with optional MKMED surface box)

⋮⋮ SLAVE STATIONS

MSB4
4 keys Maylis slave station
REF **440.2400-1**
> Desktop or wall mount station
> Numeric keypad and functions keys
> 4 programmable keys
> 1 programmable relay
> ABS case
> IP40 rating
> 15V to 30V power supply
  (through central or external)
> H 265 mm x W 138 mm x D 70 mm

MSP4
4 keys Maylis build-in slave station
REF **440.2500-1**

MSPI1
1 call button Maylis slave station
REF **440.0500**
> Flush or surface mounted
> 1 call button and label
> 1 programmable relay
> Aluminium front panel
> IP54 rating
> 15V to 30V power supply
  (through central or external)
> H 176,5 mm x W 97,5 mm x D 2 mm
  (flush-mounted with flush box D 45 mm)
  H 196 mm x W 109 mm x D 55 mm
  (surface-mounted with surface box)

MSPI1 ROUGE H 180
1 call button Maylis slave station - red
front panel
REF **440.0550**

MSPI1 AV
1 call button vandal resistant Maylis
slave station
REF **440.0600**

MSPI1H AV
Vandal resistant slave station 1 call
button with handicap logo
REF **440.0700**
> Vandal resistant designed
> Flush or surface mounted
> 1 call button
> 1 programmable relay
> Stainless steel front panel with handicap
  logo
> IP54 rating
> 15V to 30V power supply
  (through central or external)
> H 176,5 mm x W 97,5 mm x D 2 mm
  (flush-mounted with flush box D 45 mm)
  H 196 mm x W 109 mm x D 55 mm
  (surface-mounted with surface box)

MSPIDH 1B
1 call button Maylis slave station DDA
compliant
REF **440.8000**
> Stainless steel 316 L vandal proof front
  panel
> 1 call button and label
> 3 leds for DDA compliance
> Integrated induction loop
> IP64 - IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 250 mm x W 135 mm x D 14.5 mm
  (flush-mounted with flush box D 40 mm)
  H 250 mm x W 135 mm x D 54.5 mm
  (surface-mounted)

MSPIDH V1B
With colour video camera version
REF **440.8500**

MSPIDH 2B
2 call buttons Maylis slave station DDA
compliant
REF **440.8100**
> Stainless steel 316 L vandal proof front
  panel
> 2 call buttons and labels
> 3 leds for DDA compliance
> Integrated induction loop
> IP64 - IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 250 mm x W 135 mm x D 14.5 mm
  (flush-mounted with flush box D 40 mm)
  H 250 mm x W 135 mm x D 54.5 mm
  (surface-mounted)

MSPIDH V2B
With colour video camera version
REF **440.8600**

MSPIDH 4B
4 call buttons Maylis slave station DDA
compliant
REF **440.8200**
> Stainless steel 316 L vandal proof front
  panel
> 4 call buttons and labels
> 3 leds for DDA compliance
> Integrated induction loop
> IP64 - IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 350 mm x W 135 mm x D 14.5 mm
  (flush-mounted with flush box D 40 mm)
  H 350 mm x W 135 mm x D 54.5 mm
  (surface-mounted)

MSPIDH V4B
With colour video camera version
REF **440.8700**

SLAVE STATIONS FOR INDUSTRIAL SECTOR

MSE1
1 call button waterproof Maylis slave station
REF **440.1900-1**
> Flush or surface mounted
> 1 call button
> 1 programmable relay
> 8 Watts HP power
> Stainless steel polished front panel
> IP66 rating
> 15V to 30V power supply
  (through central or external)
> H 280 mm x W 130 mm x P D mm
  (flush-mounted with flush box D 47 mm)
  H 282.5 mm x W 132.5 mm x D 65 mm
  (surface-mounted with surface box)

MSE1 ENV BRUYANT
1 call button waterproof Maylis slave station with noise canceling board integrated - for noisy environment
REF **440.1920**

MSE4
4 keys waterproof Maylis slave station
REF **440.2600-1**
> Flush or surface mounted
> 4 programmable keys
> 1 programmable relay
> Stainless steel polished front panel
> IP66 rating
> 15V to 30V power supply
  (through central or external)
> H 280 mm x W 170 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282.5 mm x W 172.5 mm x D 65 mm
  (surface-mounted with surface box)

MSE4 ENV BRUYANT
4 keys waterproof Maylis slave station with gooseneck microphone and noise canceling board integrated - for noisy environment
REF **440.2620**

MSE1 ATEX BRUYANT
Waterproof Maylis slave station with 1 call button - ATEX version
REF **440.1925**
> Designed for explosive environment according to 94/9/CE (ATEX EE xd II BT6 II2G)
> 1 call button
> Noise cancelling board for noisy environment
> Orange aluminium front panel
> IP66 rating
> Power supply 15V to 30V
  (from central or external)
> H 350 mm x W 215 mm x D 190 mm
  (surface mounting)

STATIONS FOR HELP POINTS ASSISTANCE / SHELTERS

CASTEL has many intercom stations references for call points and can also make specific developments in order to fit your needs as closely as possible.

MSPI2 AV-HELP
Vandal resistant slave station 1 call button with induction loop
REF **440.0210**
> Vandal resistant designed
> Stainless steel front panel
> 1 call button illuminated
> SOS inscription
> 2 leds for DDA compliance
> Integrated induction loop
> IP66 rating
> 15V to 30V power supply
  (through central or external)
> H 280 mm x W 130 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282,5 mm x W 132,5 mm x D 65 mm
  (surface-mounted with surface box)

MSPI1 AV-HELP
Vandal resistant slave station 1 call button with induction loop
REF **440.0110**
> Vandal resistant designed
> Stainless steel front panel
> 1 call button illuminated
> SOS inscription
> 2 leds for DDA compliance
> Integrated induction loop
> IP66 rating
> 15V to 30V power supply
  (through central or external)
> H 280 mm x W 130 mm x D 2 mm
  (flush-mounted with flush box D 47 mm)
  H 282,5 mm x W 132,5 mm x D 65 mm
  (surface-mounted with surface box)

MSPI1 EAS
1 call buttoon Maylis slave station, for waiting room
REF **440.0300**
> Flush or surface mounted
> 1 call button
> Stainless steel green front panel
> Specific pictogram
> IP54 rating
> 15V to 30V power supply
  (through central or external)
> H 176,5 mm x W 97,5 mm x D 2 mm
  (flush-mounted with flush box D 45 mm)
  H 196 mm x W 109 mm x D 55 mm
  (surface-mounted with surface box)

REFUGE AREAS INTERCOM
READY TO USE PACKS

PACKS PC EAS
PC EAS packs have been specially designed for refuge areas (waiting rooms) in public buildings.
Find our PC EAS packs on page 61.
> An all in one, ready to use solution (door entry station, reception station, power supply)
> Compliant with French fire safety regulations for public buildings
> Different packs available (depending on the number of call stations required)

STATIONS FOR PRISON SECTOR

CASTEL has developed more than fifty intercom stations and door frame intercom kits, to answer all the prisons needs (cell, security and access intercom, counter intercom, visiting rooms intercom, etc.).

MSPI1 AV-CELL1
Maylis vandal resistant slave stations - cell /corridor
REF **100346**
> Composed by one cell station and one corridor station
> Vandal proof conception, stainless steel front panel
> 1 call button with signalisation led, 2 light buttons (cell and shower) on the cell station
> 1 acknowledgement button and 1 light button (night-light) on the corridor station
> IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 220 mm x W 120 mm x D 2 mm
  (flush mounted - flush mounting D: cell station 45 mm - corridor station 60 mm)

MSPI1 AV-CELL2
Maylis vandal resistant slave stations - cell /corridor
REF **101166**
> Composed by one cell station and one corridor station
> Vandal proof conception, stainless steel front panel
> 1 call button with signalisation led, 1 light button on the cell station1 acknowledgement button and 1 light button on the corridor station
> IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 210 mm x W 110 mm x D 2 mm
  (flush mounted - flush mounting D: cell station 70 mm - corridor station 35 mm)

MSPI1 AV-CELL3
Maylis vandal resistant slave stations - cell /corridor
REF **101257** and **101263**
> Composed by one cell station and one corridor station
> Vandal proof conception, stainless steel front panel
> 1 call button with signalisation led on the cell station
> 1 acknowledgement lock and 1 light button (night-light) on the corridor station
> IK09 rating
> 15V to 30V power supply
  (through central or external)
> H 190 mm x W 70 mm x D 2 mm
  (flushed mounted - flush mounting D: cell station 128 mm - corridor station 40 mm)

MSK1 AV-CELL
Maylis slave station kit - cell /corridor
REF **100366**
> Kit with board on steel plate
> 1 call button with signalisation led, 1 acknowledgement remote button on the corridor side
> Light buttons holes (cell and corridor sides)
> 15V to 30V power supply
  (through central or external)
> H 200 mm x W 96 mm x D 56 mm

MSPI1 AV-LIAISON
Maylis vandal resistant slave station for access intercom (corridor grids)
REF **440.0650**
> Vandal proof conception, stainless steel front panel
> 1 call button with signalisation led
> IP54 - IK09 rating
> 15V to 30V power supply (through central or external)
> H 157mm x W 98 mm x D 2 mm
  (flush-mounted with flush box D 55 mm)
  H 160 mm x W 100 mm x D 47 mm
  (surface-mounted with surface box)
> Optional mounting kit REF 490.4400

MSPI1 AV-CELL-RADIO
Maylis vandal resistant slave station with radio
REF **480.8400**
> Vandal proof conception, stainless steel front panel
> Flush-mounted or surface-mounted
> 1 call button with led signal
> 1 radio activation button
> 2 keys for volume management
> IK09 rating
> Power supply 15V to 30V
  (from central or external)
> H 220 mm x W 120 mm x D 50 mm

MSPI1 AV-CELL SENSITIVE TOUCH
Maylis vandal resistant slave station with sensitive front panel for emergency calls
REF **101797**
> Vandal proof conception, stainless steel front panel
> Sensitive front panel allowing emergency call, just putting hand on front panel
  (Call condition : door opened using door contact)
> 1 call button with led signal
> IP54 - IK09 rating
> Power supply 15V to 30V (from central or external)
> Surface-mounted with surface box option
> H 220 mm x W 120 mm D 52 mm

Digital and analog intercom

KITS

MSK1
Maylis slave station kit
REF **440.3300-1**
> Kit with ABS box
> Separate microphone, loud speaker and call button
> 1 programmable relay
> IP40 rating
> 15V to 30V power supply (through central or external)
> H 154 mm x W 73 mm x D 43 mm

MSK ASC
Maylis intercom kit for lifts
REF **440.9000**
> Lift standards compliant EN 81-28
> Kit with board integrated in a steel case
> Remote microphone, integrated loudspeaker
  (remote loudspeaker possibility)
> Induction loop
> IP40 rating
> 15V to 30V power supply (through central or external)
> H 272 mm x W 105 mm x D 40,5 mm

CENTRALISATION

MCB
Main 40 lines central
REF **440.3500**
> Wall mounted
> Equipped with 8 lines
> Main central upgradable to 40 lines
> Expandable to 400 lines with 9 extension
  central
> Bus and/or star wiring
> Software and setup module provided
> Metal housing with wall mounted hooks
> 230V power supply
  (through connectors) or 24V
> H 450 mm x W 380 mm x D 150 mm

MCB-R
Main 40 lines central - rackable version (3U)
REF **440.4400**

MCE
Extension 40 lines central
REF **440.3700**
> Wall mounted
> Equipped with 8 lines
> Expendable to 40 lines
> Bus and/or star wiring
> Metal housing with wall mounted hooks
> 230V power supply
  (through connectors or 24V
> H 450 mm x W 380 mm x D 150 mm

MCE-R
Extension 40 lines central - rackable version (3U)
REF **440.5400**

MCB8
8 lines main central
REF **440.0900**
> Wall mounted
> 8 lines equipped
> Bus and/or star wiring
> Software and setup module provided
> ABS housing with wall mounted hooks
> Included 24V power supply
> H 210 mm x W 160 mm x D 80 mm

M-HYB-IP-BOX 4L
Hybrid numeric and IP 4 lines central
REF **440.0950**
> Metal case with DIN rail mounting
> 4 lines
> Bus cabling and/or star cabling and/or IP
> SIP interfacing numeric and IP ranges of products
> Web server for configuration and management
> Built in IP Switch
> Included 24V power supply
> H 185 mm x W 105 mm x D 85 mm

M-HYB-IP-BOX 8L
Hybrid analog and IP 8 lines central
REF **440.0960**

OPTIONS

MC4L
4 lines extension card for Maylis central
REF **440.3600**

MT4E4
4 inputs 4 outputs card for Maylis central
REF **440.4800**

OPTIONS

MT2
2 additional remote control module
REF **440.5200**

MDIRD
Electret gooseneck microphone option for Maylis range
REF **490.0000**

MKSP
Surface mounting kit for Maylis build-in master station
REF **440.2800**

ML
Software and setup module for Maylis system
REF **440.4500**

MKMED
Surface mounting kit for Maylis MED
REF **440.3100**

CEINTURE 250
Stainless-steel anti-tear housing (surface-mounting) for MSPIDH intercom stations - H 250 mm
REF **560.9200**

CEINTURE 350
Stainless-steel anti-tear housing (surface-mounting) for MSPIDH intercom stations - H 350 mm
REF **560.9300**

POWER SUPPLIES

A15V-0A4-J
Power supply 15VDC 400mA - Jack plug
REF **440.7100**

A24V-2A
Cutting power supply on din track 24VDC 2A
REF **110.9100**

A24V-3A-S
24VDC 3A saved power supply - battery 2.1 Ah
REF **440.4900-1**

INTERFACES

M-HYB-IP-RACK
Maylis to TCP/IP network interface - Rackable version
REF **440.5750**
> Rackable PCB easily plugged in Maylis system central (MCB / MCBR)
> Connection between Maylis central using IP network
> SIP interfacing numeric and IP ranges of products
> 20 simultaneous communications
> Built in IP switch
> Web server for configuration and management
> Powered by central

MRT
Telephone forward Maylis interface
REF **440.1800**
> Wall mounted
> Interface to PSTN
> Calling from Maylis stations to telephones
> Calling from telephones to Maylis station
> Setup and management through software
> ABS housing
> 15V to 30V power supply (through central or external)
> H 210 mm x W 160 mm x D 80 mm

SOFTWARE AND SERVER

CASTEL SUPERVISOR
Supervision software
REF **110.8300**
> Visualise and archive events as communication, incoming /outgoing call, call waiting, relay state, forwarding state
> Visualisation towards synoptic and/or continuous feed
> Call forwarding regarding time slots
> Compatibility with Windows XP, 7, Server 2003, Server 2008
> Compatibility with Oracle et SQL Server database
> Multiuser software (no station licence) on a fully secured internet connection

SERVEUR MAYLIS
Computer server hosting Maylis system for configuration and exploitation
REF **440.7000**
> Computer server hosting applications Castel Pilot and Castel Supervisor
> Material support on server at D+1 included
> Castel technical support contract available for 2 years to the final client (free the first year - material warranty - and service fee the second year)
> H 42,4 mm x W 434 mm x D 394 mm (rackable 1U black metallic case)

EXAMPLE GIVEN FOR QUOTE WITH SECURED WAITING ROOM INTERCOM (OR REFUGE AREAS)

for any other configuration or specific request, do not hesitate to contact our quote service (devis@castel.fr)

BUS ARCHITECTURE WITHOUT CENTRAL
(UP TO 7 REFUGE AREA INTERCOMS)

Number of refuge area intercoms	REFUGE AREA INTERCOM — MSPI1 EAS — 1 call button Maylis slave station - green front panel — 440.0300	MSPIDH 1B — 1 call button Maylis slave station - DDA compliant — 440.8000	MSPI1 AV-HELP — 1 call button Maylis slave station - with induction loop — 440.0110	MASTER STATION — MP — Maylis master station — 440.2000-1	CENTRAL — MCB8 — 8 lines main central — 440.0900	OTHER — ML — Software and setup module for Maylis system — 440.4500	A24V-3A-S — 24VDC 3A saved power supply - battery 2.1 Ah — 440.4900-1
1	1	1	1	1	0	1	1
2	2	2	2	1	0	1	1
3	3	3	3	1	0	1	1
4	4	4	4	1	0	1	1
5	5	5	5	1	0	1	1
6	6	6	6	1	0	1	1
7	7	7	7	1	0	1	1

(AND / OR (POSSIBLE TO MIX))

STAR ARCHITECTURE WITH CENTRAL
(UP TO 7 REFUGE AREA INTERCOMS)

Number of refuge area intercoms	REFUGE AREA INTERCOM — MSPI1 EAS — 1 call button Maylis slave station - green front panel — 440.0300	MSPIDH 1B — 1 call button Maylis slave station - DDA compliant — 440.8000	MSPI1 AV-HELP — 1 call button Maylis slave station - with induction loop — 440.0110	MASTER STATION — MP — Maylis master station — 440.2000-1	CENTRAL — MCB8 — 8 lines main central — 440.0900	OTHER — ML — Software and setup module for Maylis system — 440.4500	A24V-3A-S — 24VDC 3A saved power supply - battery 2.1 Ah — 440.4900-1
1	1	1	1	1	1 (ML included)	0	1
2	2	2	2	1	1 (ML included)	0	1
3	3	3	3	1	1 (ML included)	0	1
4	4	4	4	1	1 (ML included)	0	1
5	5	5	5	1	1 (ML included)	0	1
6	6	6	6	1	1 (ML included)	0	1
7	7	7	7	1	1 (ML included)	0	1

(AND / OR (POSSIBLE TO MIX))

BUS-STAR ARCHITECTURE WITH CENTRAL
(UP TO 28 REFUGE AREA INTERCOMS - 7 BUS OF 4)

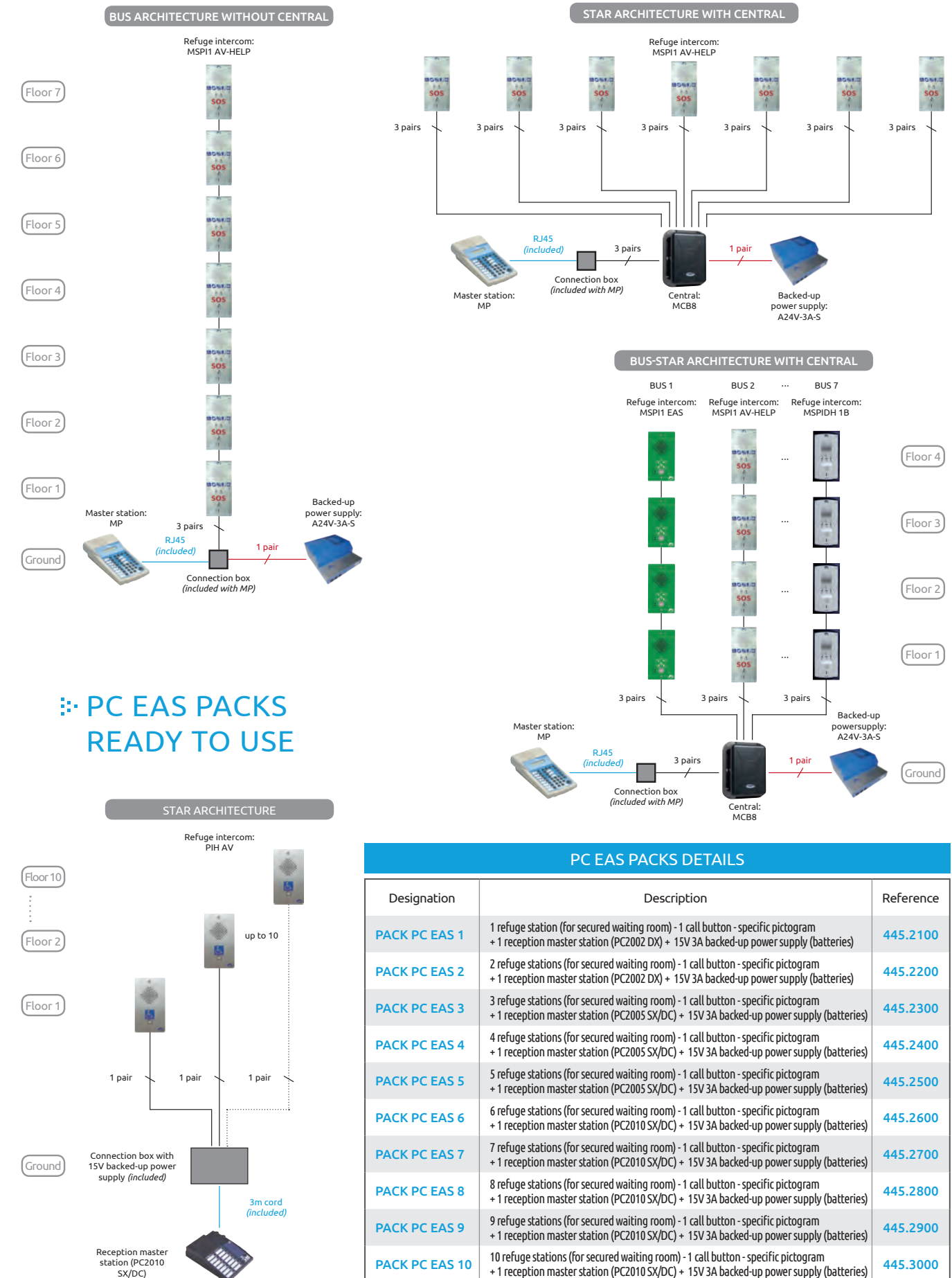| Number of refuge area intercoms	REFUGE AREA INTERCOM — MSPI1 EAS — 1 call button Maylis slave station - green front panel — 440.0300	MSPIDH 1B — 1 call button Maylis slave station - DDA compliant — 440.8000	MSPI1 AV-HELP — 1 call button Maylis slave station - with induction loop — 440.0110	MASTER STATION — MP — Maylis master station — 440.2000-1	CENTRAL — MCB8 — 8 lines main central — 440.0900	OTHER — ML — Software and setup module for Maylis system — 440.4500	A24V-3A-S — 24VDC 3A saved power supply - battery 2.1 Ah — 440.4900-1
1	1	1	1	1	1 (ML included)	0	1
2	2	2	2	1	1 (ML included)	0	1
3	3	3	3	1	1 (ML included)	0	1
4	4	4	4	1	1 (ML included)	0	1
5	5	5	5	1	1 (ML included)	0	1
6	6	6	6	1	1 (ML included)	0	1
7	7	7	7	1	1 (ML included)	0	1
...	...	...	...	...	...	...	...
28	28	28	28	1	1 (ML included)	0	1

(AND / OR (POSSIBLE TO MIX))

ACCESSORIES

A24V-0A7-F	Power supply 24VDC 1A - wire plug	110.9000
KIT GRIFFES	Plasterboard mounting kit for MSPIDH 1B intercom station	560.9000
CEINTURE 250	Stainless-steel anti-tear housing (surface-mounting) for MSPIDH 1B intercom station	560.9200

SCHEMATICS

BUS ARCHITECTURE WITHOUT CENTRAL

Floor 7 / Floor 6 / Floor 5 / Floor 4 / Floor 3 / Floor 2 / Floor 1 / Ground

Refuge intercom: MSPI1 AV-HELP

Master station: MP — 3 pairs — RJ45 (included) — Connection box (included with MP) — 1 pair — Backed-up power supply: A24V-3A-S

STAR ARCHITECTURE WITH CENTRAL

Refuge intercom: MSPI1 AV-HELP — 3 pairs (×7)

Master station: MP — RJ45 (included) — 3 pairs — Connection box (included with MP) — Central: MCB8 — 1 pair — Backed-up power supply: A24V-3A-S

BUS-STAR ARCHITECTURE WITH CENTRAL

BUS 1 — Refuge intercom: MSPI1 EAS
BUS 2 — Refuge intercom: MSPI1 AV-HELP
BUS 7 — Refuge intercom: MSPIDH 1B
Floor 4 / Floor 3 / Floor 2 / Floor 1 / Ground

3 pairs / 3 pairs / 3 pairs

Master station: MP — RJ45 (included) — 3 pairs — Connection box (included with MP) — Central: MCB8 — 1 pair — Backed-up powersupply: A24V-3A-S

PC EAS PACKS READY TO USE

STAR ARCHITECTURE

Floor 10 ... Floor 2 / Floor 1 / Ground

Refuge intercom: PIH AV — up to 10

1 pair / 1 pair / 1 pair

Connection box with 15V backed-up power supply (included)

3m cord (included)

Reception master station (PC2010 SX/DC)

PC EAS PACKS DETAILS

Designation	Description	Reference
PACK PC EAS 1	1 refuge station (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2002 DX) + 15V 3A backed-up power supply (batteries)	445.2100
PACK PC EAS 2	2 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2002 DX) + 15V 3A backed-up power supply (batteries)	445.2200
PACK PC EAS 3	3 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2005 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2300
PACK PC EAS 4	4 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2005 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2400
PACK PC EAS 5	5 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2005 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2500
PACK PC EAS 6	6 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2010 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2600
PACK PC EAS 7	7 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2010 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2700
PACK PC EAS 8	8 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2010 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2800
PACK PC EAS 9	9 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2010 SX/DC) + 15V 3A backed-up power supply (batteries)	445.2900
PACK PC EAS 10	10 refuge stations (for secured waiting room) - 1 call button - specific pictogram + 1 reception master station (PC2010 SX/DC) + 15V 3A backed-up power supply (batteries)	445.3000

Recommended cables for the different architectures: 3 pairs (1 pair for power supply) 9/10 twisted shielded pair. Except PC EAS Packs: 1 pair.