



DOOR MANAGEMENT SYSTEMS

Implementation devices for door management systems



5 devices with



5 different functions

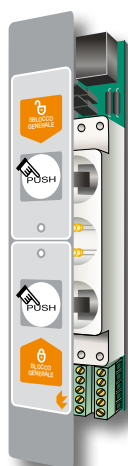
Stop/go display
SLIM-DUALUX



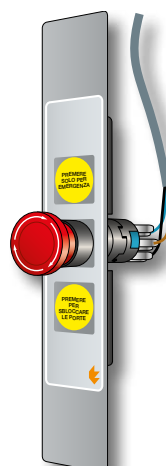
Stop/go sensorized
display
SLIM-DUALUX



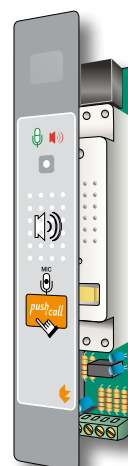
Push-button unit
SLIM-DUALPUSH



Emergency "mushroom"
button
SLIM-HELPPUSH

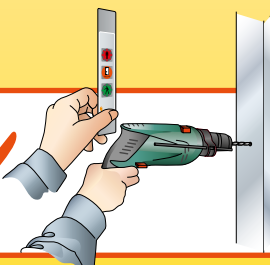


Intercom
SLIM-DUALVOX



in a unified & convertible format

NEW



FLAT-DUALUX

ultra-slim stop/go display for easy installaion

FOR AVAILABLE TYPES see pag. 80

SLIM & MODULAR

Ultra-slim and super-compact in a unified & convertible format.

Stop/go display
SLIM-DUALUX

Stop/go sensorized display
SLIM-DUALUX No-touch

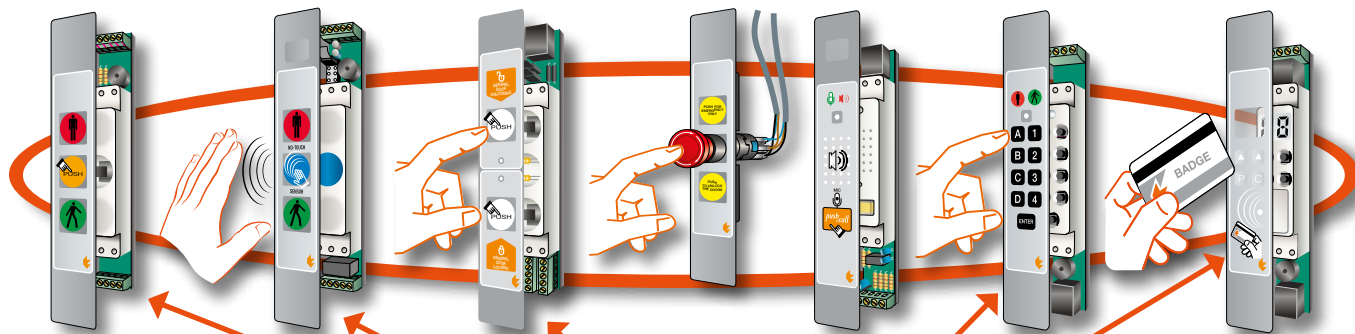
Push-button unit
SLIM-DUALPUSH

Push-button with
"mushroom"
SLIM-HELPPUSH

Intercom unit
SLIM-DUALVOX

Keypad
SLIM-CODEGUARD

Badge reader
SLIM-PASSGUARD



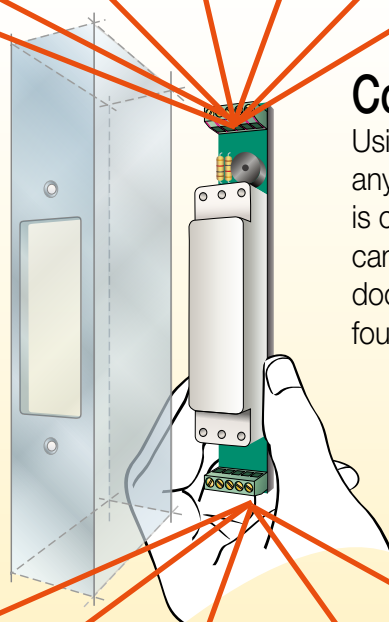
Unified module because....

A full SLIM & MODULAR range of devices with different functions, operations and purposes (stop and go displays, entryphones, keypads, such as code keypads, badge readers and micro stop and go display control units of the same series...) designed and made keeping a single module of the same size for all as a base element.

In fact, all the devices have the same appearance, size and modularity to be interchangeable and housed in the same unified chasing of the previous lock.

Convertible because...

Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.

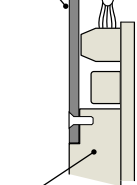


Assembly type

1

fully aligned concealed
for recess-mounting
without flange
on the same plane of
the door frame panel

Door frame

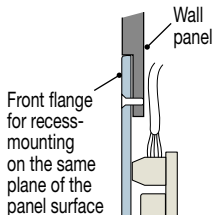


Unified body of modular device recess mounted set flush into surface door frame level

Assembly type

2

fully aligned at milling
for recess-mounting
with front flange
on the same plane
of the panel surface

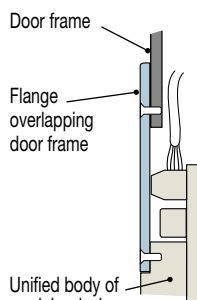


Unified body of modular device with front flange

Assembly type

3

for conventional flush mounting
with front flange
overlapping door frame

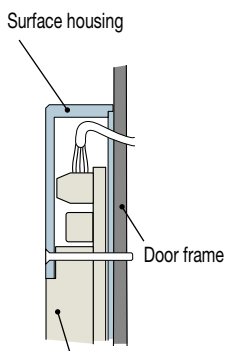


Unified body of modular device with conventional front flange

Assembly type

4

for surface mounting
with using housing

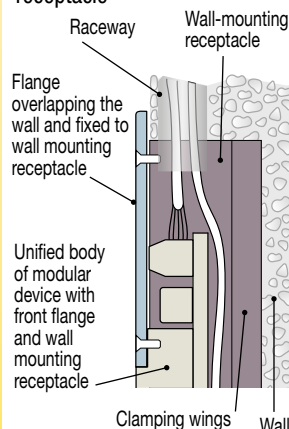


Unified body of modular device included in housing

Assembly type

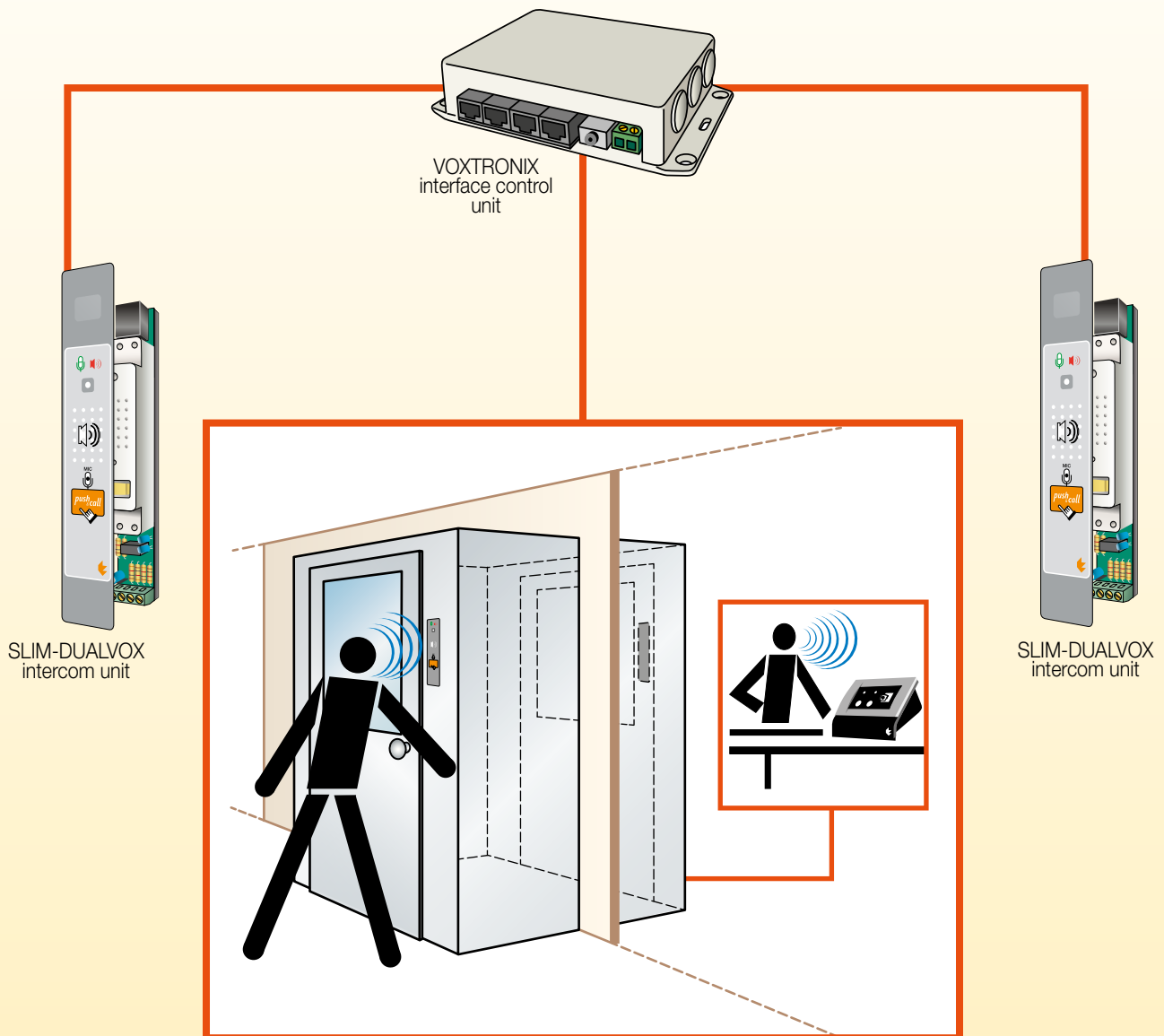
5

for recessed wall-mounting
with flange and wall-mounting
receptacle



Clamping wings Wall

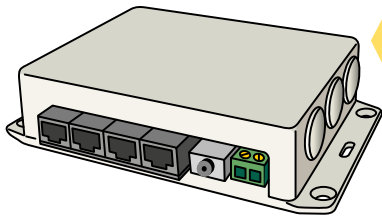
VOXTRONIX



Talk-listen intercommunication system
with alternated listen and answer mode using the “push&call” mode.



TECNODIMENSIONE
security with style



Microprocessor based **VOXTRONIX** PROFESSIONAL TECNODIMENSIONE INTERCOM CONTROL MODULE

An interface that controls the alternating intercom communications system using "push&call" button. It houses the amplification and volume adjustment circuits; it controls two A and B channels which must be connected to two SLIM-DUALVOX intercoms respectively.

One unit
for **2** different needs

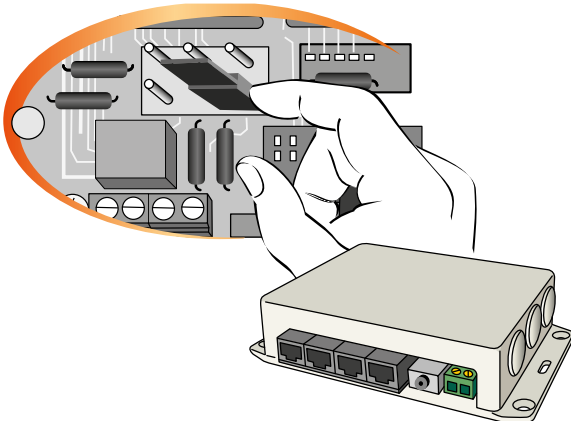
1st It can be instantly programmed
thanks to the Jumpers = **MULTISELECT**

2nd It has a modular configuration that can be expanded
in "cascade" for intercom points or multiple of
2...4...8...12 intercom points without limitations = **EXPANDER**



PERFECT FOR INTERCOMMUNICATION
BETWEEN THE VISITOR AND INTERNAL OPERATOR.

1st
MULTISELECT



Microprocessor-based VOXTRONIX interface with two channels, to manage 2 SLIM-DUALVOX intercom units.

Tecnodimensione systems can be immediately adapted to all plants, depending on their configuration, both during commissioning and after start-up.

As it does not require changes to the module or the installation of new connection lines, it is the ideal solution to meet current and future customers' needs.

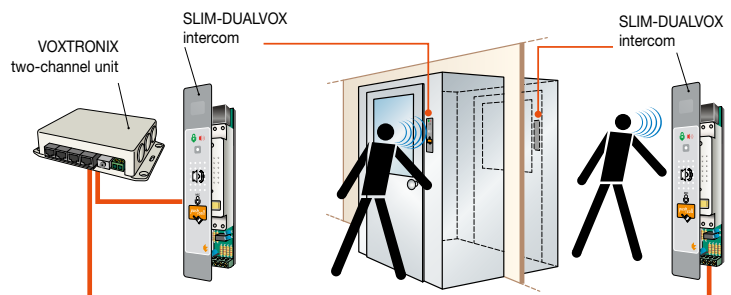
It is in fact sufficient to use the Jumpers integrated in the module to immediately select the required program.

VOXTRONIX can be programmed in several modes because ...

...it's **MULTISELECT!**

2nd
EXPANDER **VOXTRONIX base configuration** is made up of 1 two-channel "VOXTRONIX" control interface connected to two "SLIM-DUALVOX" intercoms to create the ideal application for Passbox structures or two isolated rooms.

VOXTRONIX in basic configuration

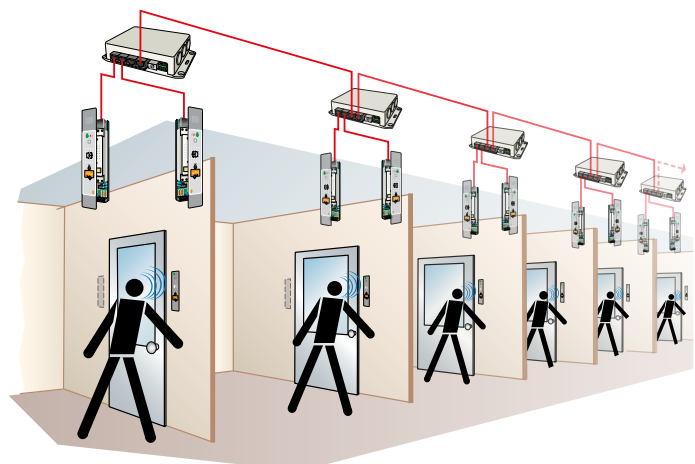


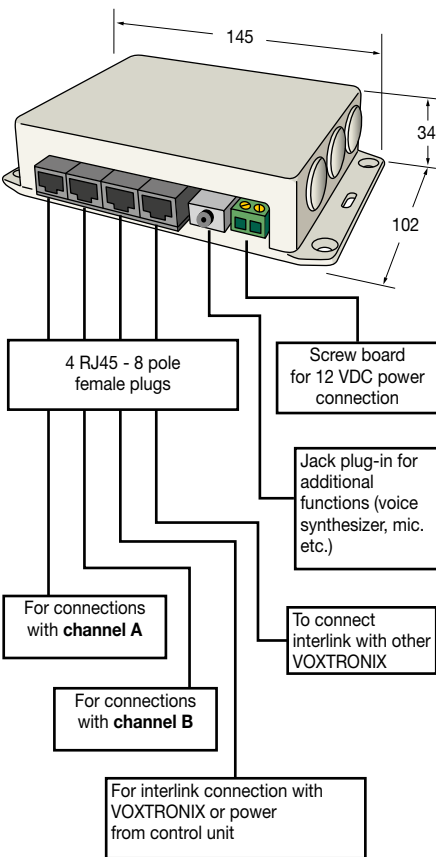

VOXTRONIX is designed to allow the configuration in "cascade" of multiple communication systems

of 2... 4... 8... 12 intercom points without limitations.

By connecting a two channels VOXTRONIX module to the subsequent ones, it is possible to flexibly set-up a multiple intercom system; in this way the communication of any one single point of the system should be listen, contemporarily to all other points and consequently the replays too...

VOXTRONIX in multiple configuration



<div>Two-channel VOXTRONIX (expandable)</div> <div></div>	<div>INTERCOM CONTROL MODULE</div> <div>VOXTRONIX</div> <div>with RJ45-8 pole quick plug for easy installation and quick wiring</div> <div>An interface that controls the alternating intercom communications system using “push&cal” button. It houses the amplification and volume adjustment circuits; it controls two A and B channels which must be connected to two SLIM-DUALVOX intercoms respectively.</div> <div>“Multiselect”, multi-programmable version. Furthermore, the “Expander” version, which can be expanded connecting 2 or more VOXTRONIX modules in cascade to immediately create multiple intercom systems for 2, 4, 6, 8 and more rooms. Ideal for clean rooms.</div> <div>2-channel models (12V DC power)</div> <div>Two-channel VOXTRONIX intercom module with microprocessor to control 2 SLIM-DUALVOX (see page 56) intercom used by 2 people in two different rooms in tandem, in the base configuration. With “Multiselect” multi-programmable logic. “Expander” type can be expanded in “Multi-voxtronix” configuration for multiple rooms with several people in different points for alternated communications in a single phone conference (see selectable programs and configuration example below). “CLICK & GO” technology with RJ45 8-pole female quick plugs. Compact shock-proof plastic case (dimensions 145 x 102 x 34 mm). With 2 screw terminals for 12 VDC connection to a separate power supply (or directly to the PHARMATRONIX unit).</div>	<div>Export Product-list</div> <div>January 2024</div> <div></div> <div>TECNODIMENSIONE®</div> <table><tr><td>Ordering information</td><td>Q.ty</td></tr><tr><td>MODELS</td><td>N°</td></tr><tr><td></td><td></td></tr><tr><td>034968H2W2U</td><td></td></tr><tr><td>* Module only. Other components are needed for operation, see page 77 and page 79.</td><td></td></tr></table>	Ordering information	Q.ty	MODELS	N°			034968H2W2U		* Module only. Other components are needed for operation, see page 77 and page 79.	
Ordering information	Q.ty											
MODELS	N°											
034968H2W2U												
* Module only. Other components are needed for operation, see page 77 and page 79.												

SELECTABLE PROGRAMS (with jumpers): Sound options: on/off warning beep.
Function options: “courtesy” function = automatic communication opening up to 6 seconds or “standard” function = open communication for as long as “push&call” button is held down.

IMPLEMENTATIONS: Increase sound power by additional external speaker to be connected to the SLIM-DUALVOX unit (see specific documentation). Centralised female mic jack (i.e.: star) for general and simultaneous communications to all intercoms in the various separate rooms (or alternating) for connections with additional “voice synthesizers” to automatically send pre-recorded messages and warnings (on request).

CONFIGURATION EXAMPLES

Fig. 1 - BASE configuration for two intercom points

The Tecnodimensione base configuration intercom system is made up of 1 two-channel "VOXTRONIX" control interface connected to two "SLIM-DUALVOX" intercoms to create the ideal application for Passbox structures or two isolated rooms. In fact, two operators in two different rooms can easily communicate reciprocal warnings and voice confirmations with this connection (alternating communications by pressing the "push&call" button).

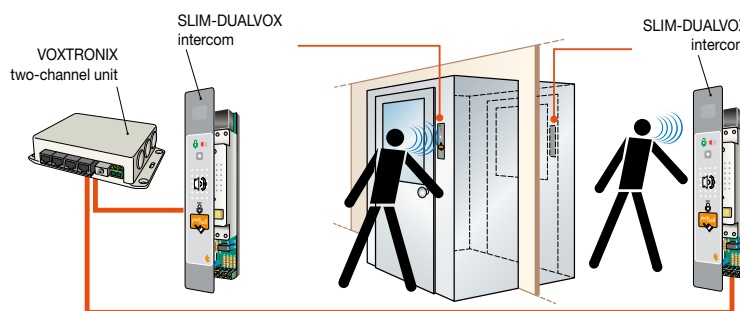


Fig. 1 - Voxtronix BASE configuration

Fig. 2 - "MULTI-VOXTRONIX" configuration for 4, 6, 8 or more intercom points

The Tecnodimensione "VOXTRONIX" system is already set to become a "multiple" intercom system for more than two channels, even 4, 6, 8 or more. Essentially, the "Multi-voxtronix" multiple system is easy to create by interconnecting identical "sister" VOXTRONIX unites to the first two-channel "base" VOXTRONIX interface in cascade via interlink. With this configuration, "Multi-voxtronix" allows several people in remote points to list or communicate in alternation in a single phone conference with fast service communications. In this way the communication of any one single point of the system should be listen, contemporarily to all other points and consequently the replays too.

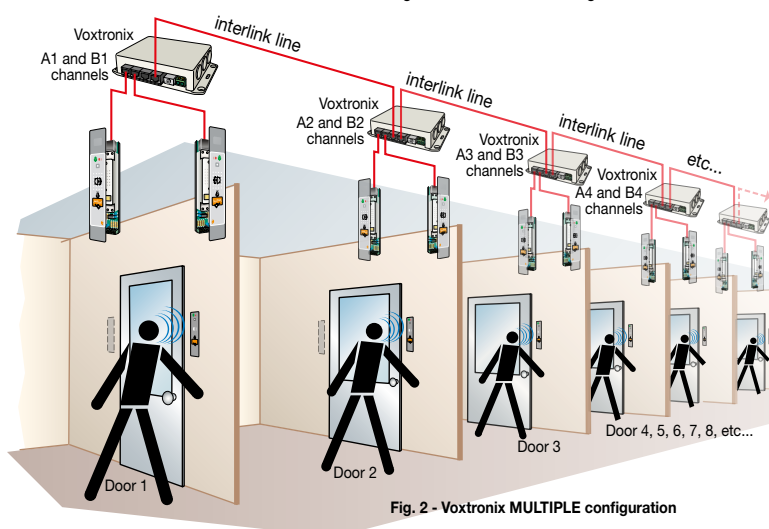



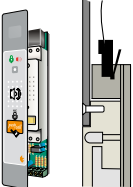
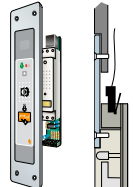
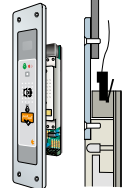
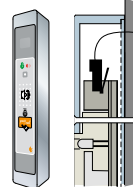
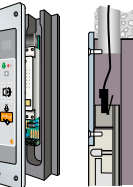


Fig. 2 - Voxtronix MULTIPLE configuration

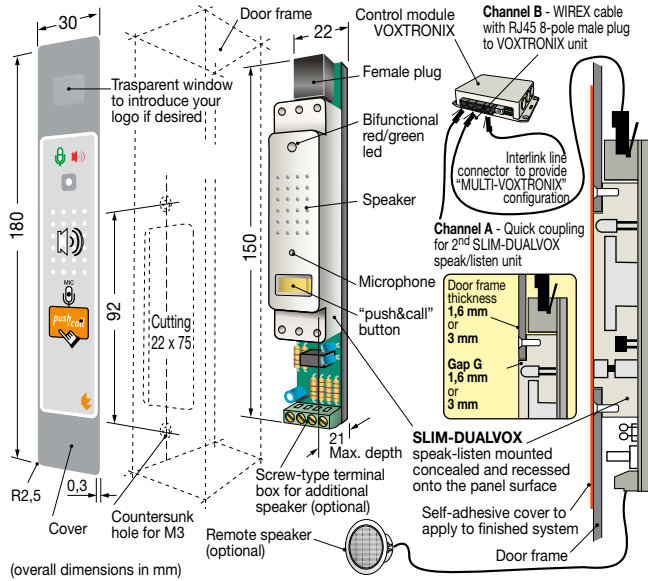
	<div> <div> SLIM-DUALVOX INTERCOM UNIT "Push&call" technology for VOXTRONIX intercom system </div> <div> SLIM-DUALVOX speak-listen with: - with 1 RJ45-8 pole female quick fit plug for necessary connections with VOXTRONIX module (see page 55). - 1 bifunctional red/green led to indicate listening/communication status. - 1 "push&call" button to activate the communication. - 1 miniature speaker + microphone that work in alternation using the "push&call" button. </div> <div> - Screw terminal board for remote connection to additional power speaker (for noisy rooms). - 12 Vdc power supply. - 1 anti-acid adhesive cover in polycarbonate, 180 x 30 mm, R2,5 thickness 0.3 mm with 7 colour international symbols; with 1 windows for the personalised indication of commands. </div> </div>	<div> Export Product-list January 2024  TECNODIMENSIONE® </div> <div> <div>ordering information </div> <div>Q.ty</div> </div>
Models for 12 Vdc/70mA power supply		<div>MODELS</div> <div>N°</div>
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel * 	SLIM-DUALVOX speak-listen unit type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a surface (without roughness) that is easy to clean. Supplied with front panel and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. * In this case it is advisable to prepare the recess during the door frame machining.	<div>034961CW2U</div> <div>* Module only. Other components are needed for operation, see page 76 and page 79.</div>
Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆ 	SLIM-DUALVOX speak-listen unit type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. ◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.	<div>034962CW2U</div> <div>* Module only. Other components are needed for operation, see page 76 and page 79..</div>
Assembly type 3 for conventional flush mounting with front flange overlapping door frame 	SLIM-DUALVOX speak-listen unit type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. Mounting can be carried out "on site", directly onto the installed door frame.	<div>034963CW2U</div> <div>* Module only. Other components are needed for operation, see page 76 and page 79.</div>
Assembly type 4 for surface mounting with using housing 	SLIM-DUALVOX speak-listen unit type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. Useful when you wish to avoid recess-mounting or cuts on the door frame.	<div>034964CW2U</div> <div>* Module only. Other components are needed for operation, see page 76 and page 79.</div>
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle 	SLIM-DUALVOX speak-listen unit type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the speak-listen unit. Wall niche and cable channel to be prepared beforehand.	<div>034963CW2U</div> <div>* Module only. Other components are needed for operation, see page 76 and page 79.</div>
Noise-proof power SPEAKER (Ø 150 mm) for noisy environments to connect to the screw-on terminal of the SLIM-DUALVOX listen-speak unit.		<div>034969MST4</div> <div>(opzionale)</div>

Special configurations available at extra charge: Cover with your logo and/or customized.

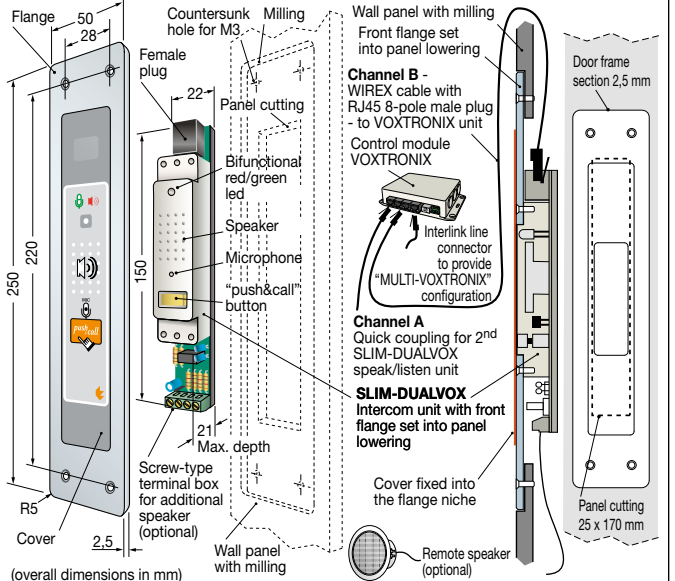
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 78.

SLIM-DUALVOX INTERCOM UNIT - sizes, application examples and connection diagram

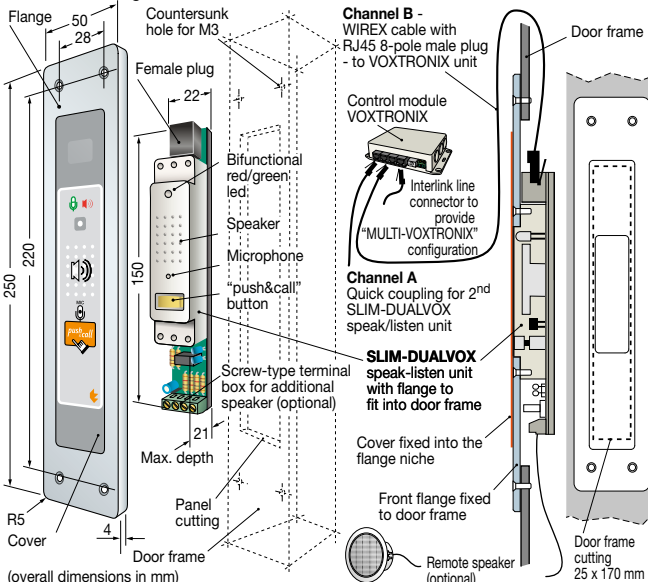
Assembly type ① total alignment, lock recessed into surface without flange



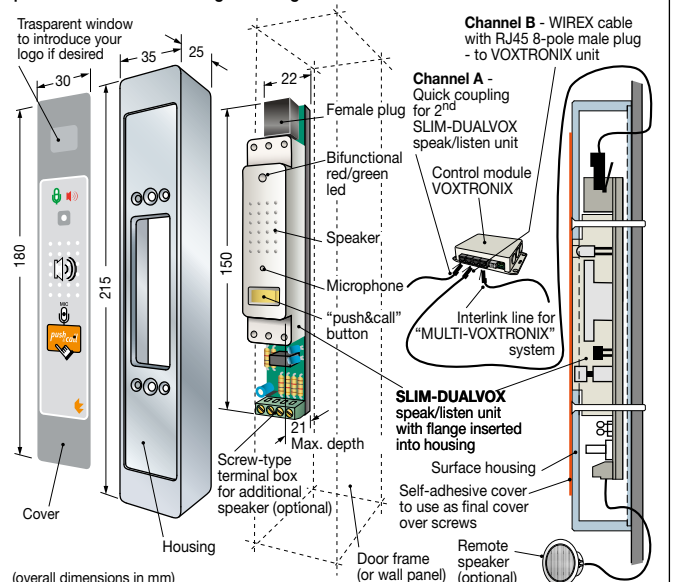
Assembly type ② alignment at bottom with front flange "flush with surface" at bottom



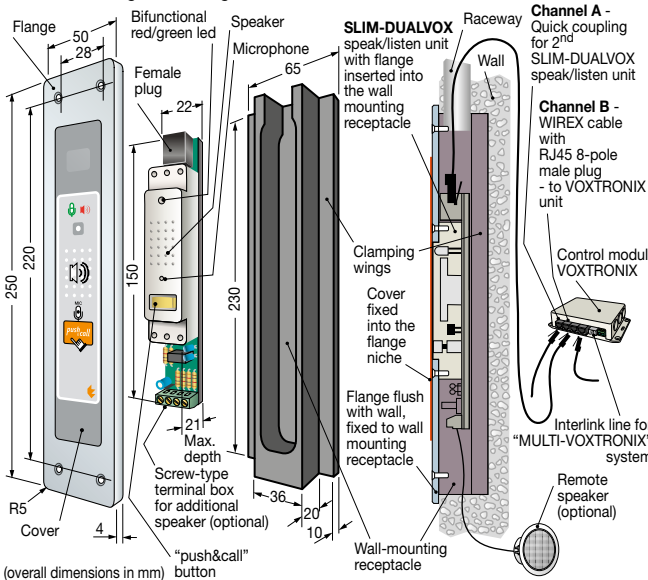
Assembly type ③ traditional fitting with front flange over the lock



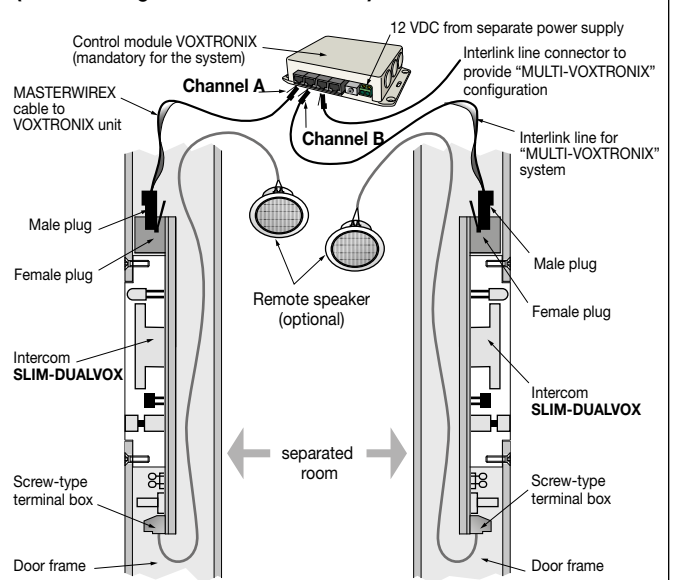
Assembly type ④ for mounting placed on surface using housing



Assembly type ⑤ for recessed wall mounting with flange and wall box



WIREX FAST CONNECTING CABLES (basic configuration for 2 stations)



VOXTRONIX

Basic configuration of the speak-listen intercom system for passbox and clean rooms, with immediate connection

with structured and pre-cabled WIREX cables, fitted with 8 pole RJ45 quick connection plug

Export Product-list
January 2024



TECNODINENSIONE®

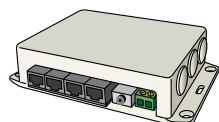
ordering
information

Q.ty

MODELS

N°

Basic kit configuration for two type-1 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



2 listen-talk units
SLIM-DUALVOX type 1

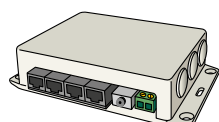
VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX

034968H2W2U
034928WD
034928WD
034961CW2U
034961CW2U
(NB: unit with gap
G 1,6 mm, for gap
G 3 mm see
page 56)

**COMPLETE
BASIC KIT
type 1**

TOTAL

Basic kit configuration for two type-2 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



2 listen-talk units
SLIM-DUALVOX type 2

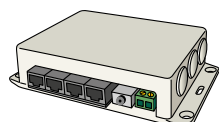
VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX

034968H2W2U
034928WD
034928WD
034962CW2U
034962CW2U

**COMPLETE
BASIC KIT
type 2**

TOTAL

Basic kit configuration for two type-3 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



2 listen-talk units
SLIM-DUALVOX type 3

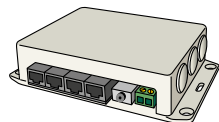
VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX

034968H2W2U
034928WD
034928WD
034963CW2U
034963CW2U

**COMPLETE
BASIC KIT
type 3**

TOTAL

Basic kit configuration for two type-4 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



2 listen-talk units
SLIM-DUALVOX type 4

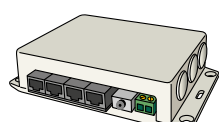
VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX

034968H2W2U
034928WD
034928WD
034964CW2U
034964CW2U

**COMPLETE
BASIC KIT
type 4**

TOTAL

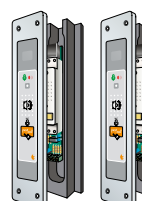
Basic kit configuration for two type-5 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



2 listen-talk units
SLIM-DUALVOX type 5

VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX

034968H2W2U
034928WD
034928WD
034965CW2U
034965CW2U

**COMPLETE
BASIC KIT
type 5**

TOTAL

The MULTIVOXTRONIX configuration with 4, 6, 8 or more speak-listen stations (see fig. 2, page 76) is the sum of the aforesaid BASIC KITS (with 2 stations).

DOOR MANAGEMENT SYSTEMS