

■ FN4000 is a digital intercom and video intercom system developed on FARNET platform. It is an intelligent solution that offers multiple advantages in alternative to traditional analogue systems:

- only 5 wires are necessary for intercom installations and only 5 wires plus video signal for video intercom installations, regardless of the number of internal stations connected
- private audio-video function and electronic call
- high reliability and easy maintenance thanks to the small number of wires
- modern, compact, easy-to-use external push-button panel
- compatible with Studio, Project and PV series

■ FN4000 is the result of our continuous technological evolution towards research and development of innovative products to offer advanced services:

- integrated decode module (floor call, call from secondary door station, alarm call)
- floor decode module (floor call, call from secondary door station, alarm call)
- service modules (connection of multiple video intercoms and/or intercoms in parallel with or without intercommunication service in the same flat)
- PDX4000 door-keeper exchanger (conversation with users and intercommunication service)

■ The FN4000 system is equipped with a wide range of devices for enlarged possibilities of use:

- door-open function with user personal code
- use of standard internal door stations
- digital push-button panel, electronic index, name plate panel or Mody traditional push-button panels
- Mody traditional speaker and camera modules

■ FN4000 is a quality-certified product, easy to install and designed for long-lasting performance in total security conditions.



# FN4000

## DIGITAL SYSTEMS

the Intelligent Alternative  
to Traditional Systems



Aci Farfisa digital systems satisfy a wide variety of installations characterised by high numbers of users and complexity. Avant-garde technology, flexibility and versatility provide added value to your installation by integrating traditional video and intercom features with new functions. Wiring is simple and the number of wires is not determined by the number of users.

**VIDEO INTERCOMS AND INTERCOMS WITH INTEGRATED DECODE MODULE**

The available models are Project PT5160WDG and, upon request, PT5160WDG-LCD (colour version) with bracket WB5160DG. The ST7100W monitor with bracket WB7100DG and intercom ST720W with integrated decode module ST4231 and bracket WB700 are used for the Studio series. The Project intercoms with 4231TP and Studio intercoms with ST4231 allow for single decode.

■ PT5160WDG / PT5160WDG-LCD



■ PT510EW



■ ST7100W/ST7100CW + ST720W



■ ST720W



**DECODE MODULES**

The decode modules (4235TVP, 4231TP, 4235, ST4231) provide the interface for speech, signalling and control signals between the FN4000 system and the intercom and video intercom internal door stations. Each module can be shared by a number of internal stations as indicated for each model.

**DECODE MODULE ACCESSORIES**

■ 4236 Back box for art. 4235, 4235TV and 4235TVP.

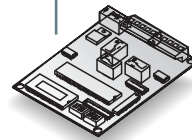
■ 4237 External housing for art. 4235, 4235TV and 4235TVP.

4235

**FLOOR DECODE MODULE**  
It allows you to connect 4 intercoms to the digital line, providing for data decoding, processing and execution (call, speech in reception and transmission, door lock release function or call to door-keeper exchanger)

4273

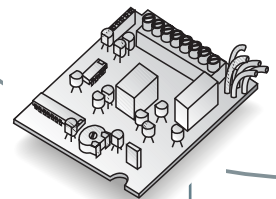
**DIGITAL EXCHANGER**  
Used in digital systems when the intercom and/or video intercom installation is composed of one or more common main door stations and multiple secondary door stations or independent buildings with or without digital door-keeper exchanger. It allows you to make the secondary door stations independent, also from the main door stations.



# FN4000

4230

**SERVICE MODULE**  
It allows you to connect multiple video intercoms and/or intercoms in parallel with or without intercommunication service, as well as to connect one or more secondary floor door stations (only audio or audio/video inputs) in the same flat. A module 4230 must be used for each flat that requires these services.



4231TP

**SINGLE DECODE MODULE**  
Installed in PT510EW and PT526EW intercoms to decode data of the FN4000 series digital line and provide the main intercom functions.

# Digital Systems

the Intelligent  
Alternative  
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Systems

## 4235TVP/4235TV

### FLOOR DECODE MODULES

The 4235TVP module allows you to connect 4 video intercoms or intercoms/video intercoms to the digital line. It also provides the interface for traditional push-button panels with a low number of buttons (i.e. floor or stair push-button panels).

The floor decode module provides the following additional services:

- floor call
- call from secondary door station
- alarm call

The 4235TV module allows you to connect 4 video intercoms or intercoms to the digital line.

## ST4231

### SINGLE DECODE MODULE

Single intercom and video intercom decode module for installation in Studio intercoms.

The decode board can be programmed to provide the following functions:

- floor call
- call from secondary door station
- alarm call

BASED ON  
**FARNET**

## SYSTEM PLATFORM

A system strategy for the future. The FN4000 system is the first ACI FARFISA product developed on FARNET platform. The platform is made up of a series of specifications (both physical and protocol) on which digital systems are developed to provide services for the domestic environment. The result is a vast range of new technical possibilities: the dialogue with the FN4000 system (through FARNET) will allow installers to propose new compatible, flexible systems, upgrading existing installations and offering new tools for domestic automation.

## PDX4000



## DOOR-KEEPER EXCHANGER

### PDX4000

215 x 215 x 89

Complete with table adapter, it allows for communication with internal users (intercoms or video intercoms) and connection to one or more digital external door stations. 12-key push-button panel, LCD and 7 service buttons for full exchanger operation. The following operation modes are available:

### NIGHT SERVICE

The exchanger is disabled and communication between external and internal door stations is direct.

### DAY SERVICE

Communication (both external and internal) is enabled from the exchanger, except for secondary door stations.

### AVAILABLE FUNCTIONS

- Call to door keeper exchanger from internal users
- Call to internal users from door keeper exchanger
- Call to door keeper exchanger from external door station
- Stand-by function
- Inclusion function (intervention during conversation)
- Transfer function (all calls are transferred to an extension)
- Internal-internal communication
- External-internal communication
- Booking management (to display memorised calls)

### ADDITIONAL FUNCTIONS

- Language selection: you can select the display language (handset on-hook)
- Door lock release: during conversation between the door keeper exchanger and external door station you can open the door lock of the station you are having a conversation with by pressing the corresponding button.

## EXTERNAL DOOR STATIONS

In installations with FN4000 technology both TD4100 digital push-button panels with advanced functions and Mody traditional push-button panels with CD4130 digitizer and KIT4244 can be used.

## TD4100



## MODY MODULES

## SYSTEM COMPOSITION

The Farfisa FN4000 digital system allows for intercom and video intercom installations with medium or high number of users, using a small quantity of wires (5 wires for intercom installations; 5 or 6 wires + coaxial cable for video intercom installations). The combination of the various devices makes a wide range of functions available.

## VIDEO INTERCOM INTERNAL DOOR STATIONS

Use Project video intercoms with brackets WB5160 or WB5660, PuntoVirgola video intercoms with brackets WB1260 or WB2160 and Studio intercoms with bracket WB 7100.

## INTERCOM INTERNAL DOOR STATIONS

Project Series: PT510E, PT526E, PT510, PT520  
 Punto Virgola Series: PV100  
 900 Series: 924  
 Studio Series: ST720

## DIGITAL EXTERNAL DOOR STATIONS

### TD4100

124 x 180 x 18 (same as 2 Mody modules)

Push-button panel with 4-mm anodised aluminium front panel, 12-button keypad and 4-digit display. It allows you to call the internal station by entering the corresponding number and open the door with a private code.

### RD4120

124 x 90 x 18

Electronic index equipped with backlit 32-character LCD that allows you to consult the list of internal stations in sequence by using only two buttons (forward and backward) in standard or fast mode. Complete with the call button of the internal station selected and always installed together with the TD4100 module.

### TD4110

124 X 90 X 18

Shows the identification data of the internal stations to associate it with the numbers used to code them. It can contain 12 names and is backlit.

## TRADITIONAL EXTERNAL DOOR STATIONS

### CD4130

64-user digitizer that allows for using Mody traditional push-button panels (single or double row) in FN4000 digital installations.

### 4244

Used to connect MODY push-button panels to the FN4000 digital line with the CD4130 digitizer.

## MODY EXTERNAL DOOR STATIONS

## SPEAKER AND CAMERA UNIT MODULES

MD10 Module for electric door speaker  
 MD40 Black and white camera unit module  
 MD40DG B/W camera unit module (12 Vcc power supply)  
 MD40C Colour camera unit module  
 MD40CDG Colour camera unit module (12 Vcc p. supply)

## ELECTRIC DOOR SPEAKER

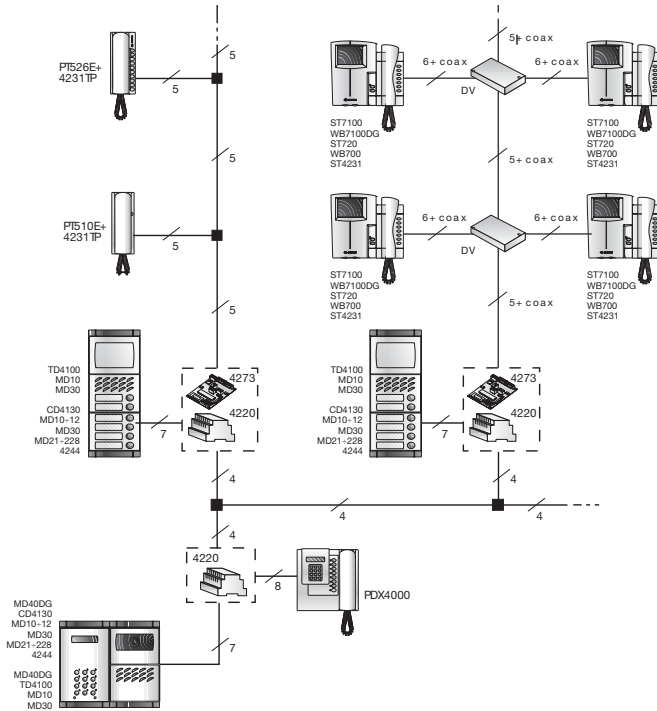
MD30 Speaker unit to be mounted on MD10

## ACCESSORIES FOR EXTERNAL DOOR STATIONS

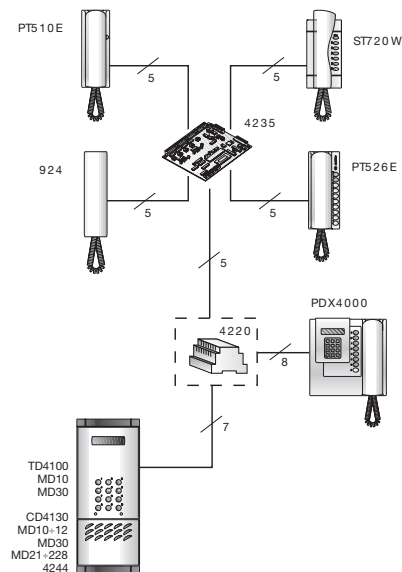
MD72/MD74 Back box with module frames  
 MD83/MD89 Hood covers  
 MD93/MD99 Rain shelters with module frames

## ILLUSTRATIVE SYSTEM DIAGRAMS

Intercom and video intercom installation with 2 secondary door stations and intercoms with integrated decode module



Intercom installation with 1 door station and intercoms with floor decode module



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