

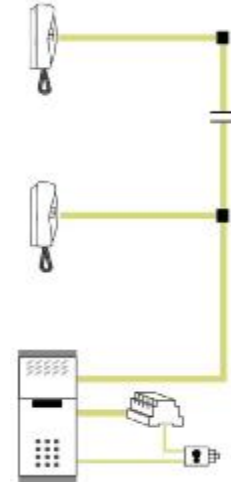
Quoting guidelines for:

## DF6000 - 2 Wire Digital System

**AUDIO ONLY**

Maximum of 8 door stations and 250 internal users.

Maximum distance 600m (1mm Ripcord)



### Step 1: Digital Door station

DF6000 2 wire digital system uses the MODY Door Station. The Digital door station is made up of 3 components:

1. MD10D Speaker module



2. TD6100 digital push button panel



3. MDR93 Rain Shelter for 3 modules (surface mount).

\* For flush mount housing you will require a MDR73 (back box) + MDR83 (hood cover)



### Step 2: Power supply Unit & Exchangers

#### Power supply

The Door station requires a power supply unit

Product code: PRS6220

#### Digital Exchanger

Product code: 6273 (Requires power supply unit PRS6220)

A digital exchanger is needed when a system has more than 1 main common entrance and or multiple risers (branches).

Rule of thumb: Number of exchanger = X, where X is the number of risers (branches)

### Step 3: Handsets

Compact range

Product code: KM812W

Description: Basic handset, white with 1 button for door release function.

Coming soon...

*EX312 - Intercoms EXHITO DF 6000 technology*



### Step 4: cable requirements + Specifications

*Farfisa: DF6000 2-wire digital*

- Medium to high number of users
- Only 2 wires (four wires from power supply to doors station for door lock release and name plate lights)
- Up to 250 users
- 12 X programmable 4-digit access code
  - 1234
- Door opened only when a call is in progress and only by the person called
- 4 calling tones per TD6100 which can be used for multiple door stations
- PSU = PRS6220
  - Max dist = 600m (From door station to furthest handset)
  - Max number of KM812 = 255
- Handset = KM812W which is programmable via jumpers
  - 1,2,4,8,16,32,64,128 (1+2+4+32 = flat 39)

#### *RECOMMENDED CABLE*

- 1.5 mm in diameter, 2 - core, stranded & unshielded parallel conductors (Twinflex or Ripcord), for the main riser.
- 1 mm in diameter, 2 - core, stranded & unshielded parallel conductors (Twin flex or Ripcord), to each handset.
- 1.5mm in diameter, 4 - core, stranded & unshielded electrical cable, between door stations.
- Neoprene waterproof where underground
- Please consult our Technical Department before commencing wiring to ensure that correct cable requirements are met.
- The system is Polarity sensitive, therefore a clearly marked cable is recommended.

### Example Quote:

Requirements: 1 Door Station (Surface mount) calling 60 handsets, single Apartment building (1 riser).

1 handset for each apartment.

Code	Description	QTY
<u>Door Station</u>		
MD10D	Module with electric door speaker 0 call button for DF6000.	1
TD6100	Digital push button panel	1
MDR93	Rain shelter with module frame for 3 modules	1
PRS6220	Power supply 40VA.127-230V. 13Vca, 15Vcc.	1
<u>Power Supply &amp; Exchangers</u>		
6273	Digital switching unit.	1
PRS6220	Power supply 40VA.127-230V. 13Vca, 15Vcc.	1
<u>Handsets</u>		
KM812W	Basic handset, white with 1 button. Compact	60

PLEASE NOTE: Ask your customer for *SYSTEM LAYOUT* and *DISTANCES*. This will determine the *exact* number of exchangers and PSUs needed for the system.

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