by Comelit

iPower

The first and
only wireless
video door
entry system

Comelit®
Inventing Innovation

Our achievement:
the impossible

Residence
Crystal

5

by Comelit
iPower

...is now entirely **possible!**

All you need for a video door entry phone in your home is a 110/120 V AC or 220/240V AC electrical power supply point (door bell, entrance light, electronic door-release device…).

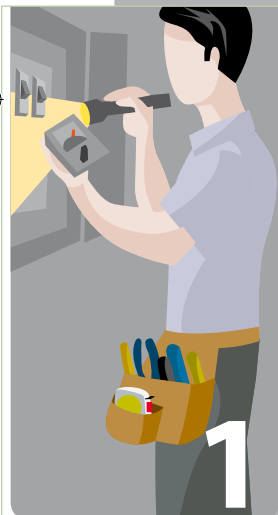Residence Crystal 5

Town centre locations

Rural cottages

Luxury apartment and
commercial buildings

Renovations

Previously…

Where there was no existing system, installing a video entry phone
was an onerous undertaking! It often meant stressful, exhausting
and time-consuming building work, involving major operations both
internally and externally.

1

Electrician - site
inspection

2

Builder – to create cable
ways

3

Redecoration,
painting the
walls

4

Nuisance of dust, noise
and upheaval internally

5

External creation of duct work
to install the cables for the video
door entry system

iP wer
by Comelit

4

Finally,
the freedom to install
a video door entry phone
system anywhere.

from now on…

With iPower, straightforward installation means instant results.
If you have an external power supply point, simply contact your
Qualified Electrician to get the job done in no time.

1
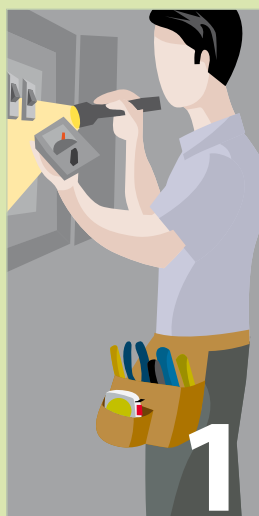
Electrician - site inspection
and system installation

2

The video system
entry phone is
installed!

Reasons for choosing

iPower
by Comelit

Advantages for the installer

* Systems can be created anywhere

Even in rural cottages, period homes and town centre apartment buildings.

* No wiring is necessary

The system is connected directly to existing mains power supply.

* System can be expanded to include up to 14 internal call units

Once the system has been set up using the iPower device, simply configure the video door entry phone to include various different stations.

* No building work required internally or externally

iPower does not require any indoor system installation or wiring procedures.

Every electric socket can be a video entry monitor unit

You can connect a video monitor entry phone station to any electrical socket.

Video monitor with portability and intercommunication

Wherever you go, the video entry monitor will follow, allowing communication between different rooms.
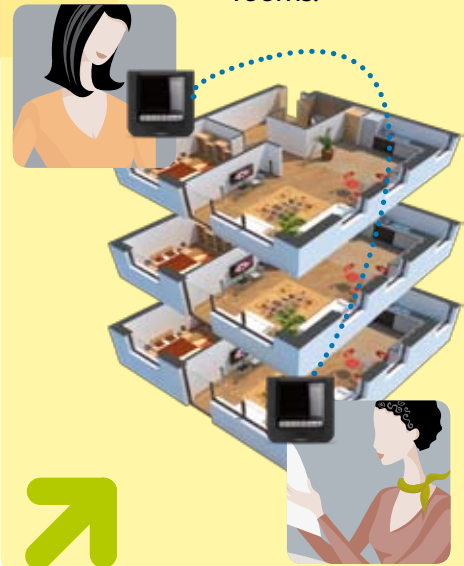
Simple system interface

Straightforward programming, customisation and day-to-day operation.

• **On screen display menu with icons**
• **Voice message transmitted outdoors**
• **Camera self-ignition**
• **Privacy functions**
• **Function status indicator LEDs**
• **Door-opening**
• **Full-Duplex**

Advantages for the users

Video memory function

If the property is empty or if a call is not answered, the system records audio/video messages.

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by Comelit

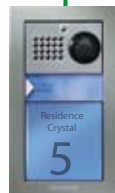## Legend
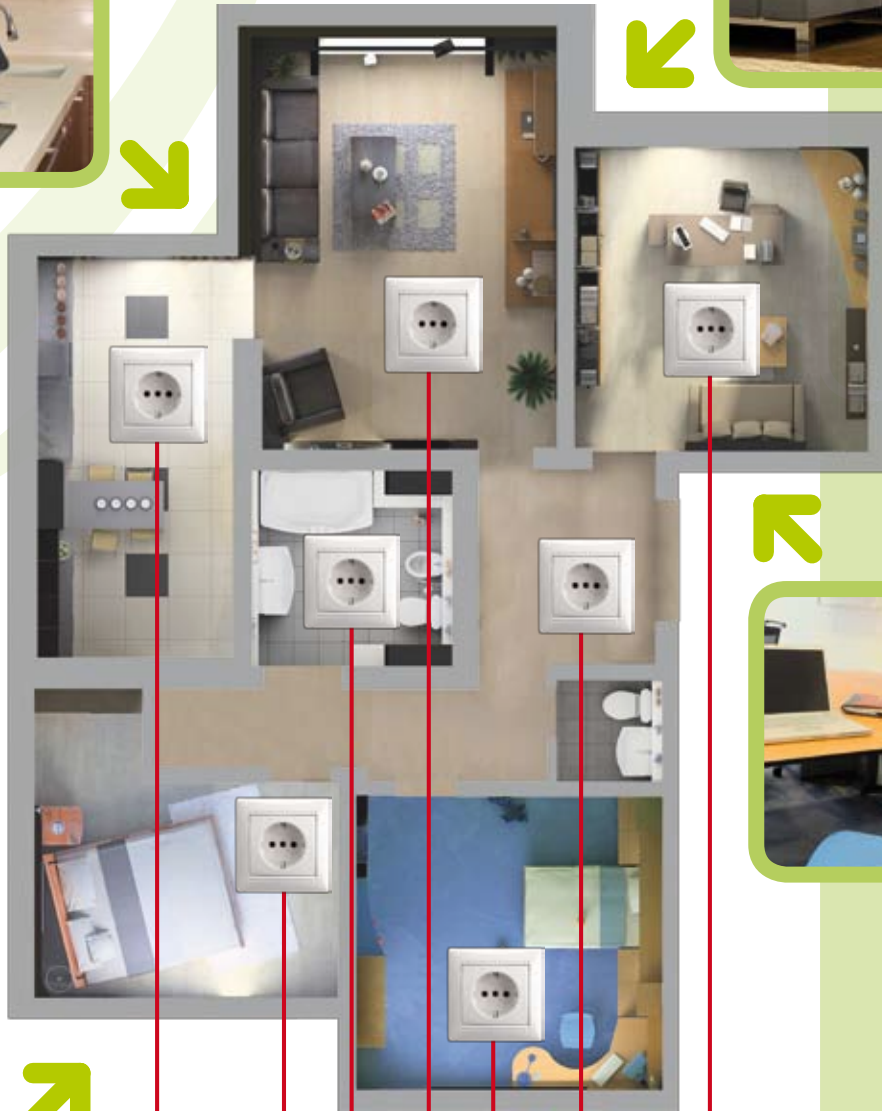
|	
≈	iPOWER BRIDGE
⊗	TRANSFORMER
———	110V AC OR 240V AC (ALREADY EXSTING CONNECTIONS)
———	12VAC
🔲	ELECTRICAL SUPPLIER METER
⤵⤴	INTERCOMMUNICATION

110V/120V
220V/240V

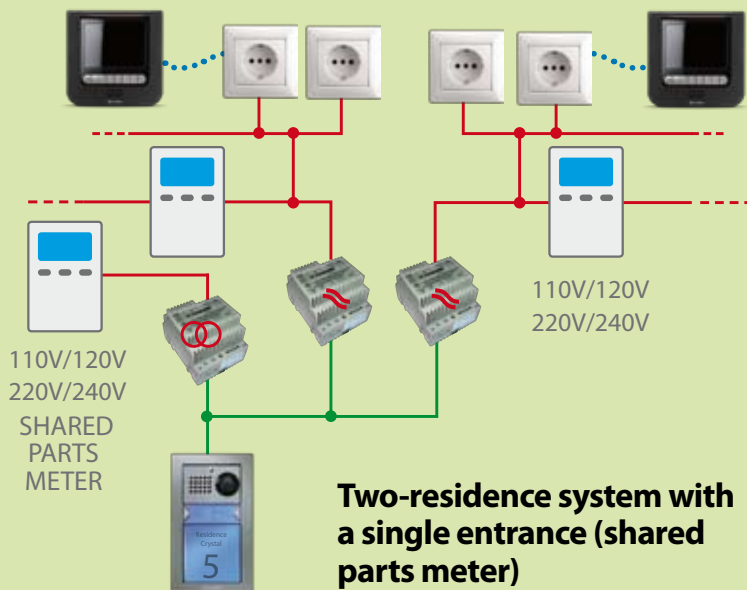Residence
Crystal
5

System diagrams

Single-residence system on two levels

110V/120V
220V/240V
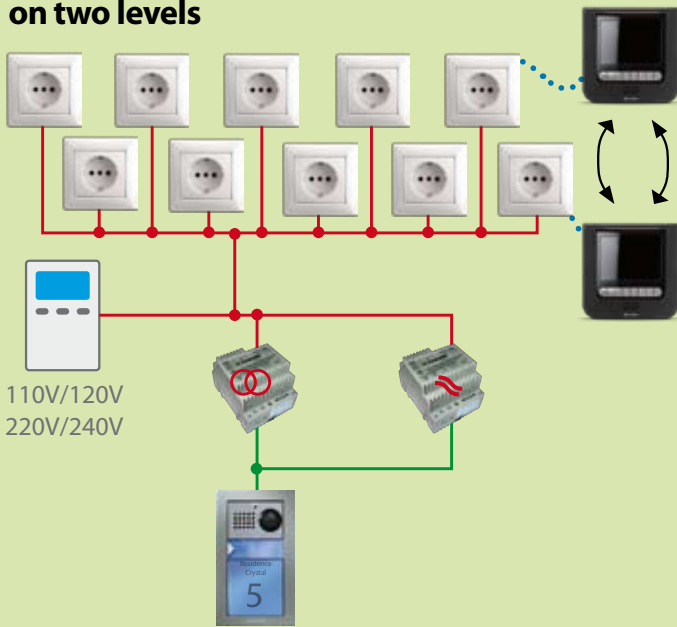
Single-residence system with 2 main entrances

110V/120V
220V/240V

Two-residence system with a single entrance

110V/120V
220V/240V

110V/120V
220V/240V

Repeater 1396

110V/120V
220V/240V

F3
F2
F1
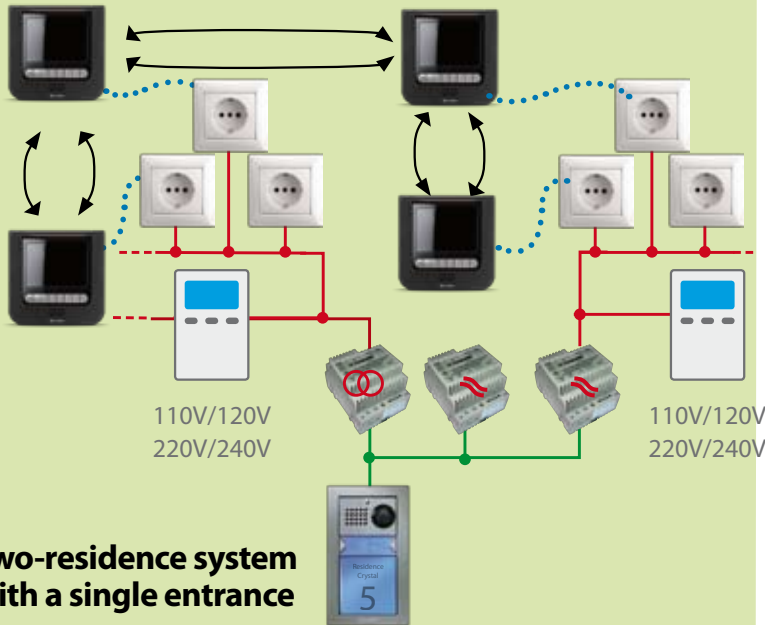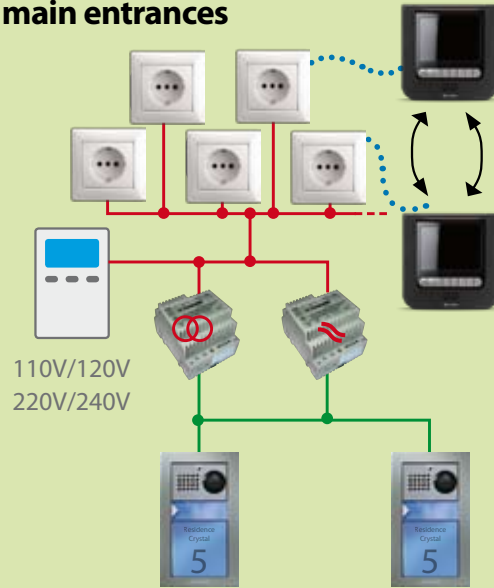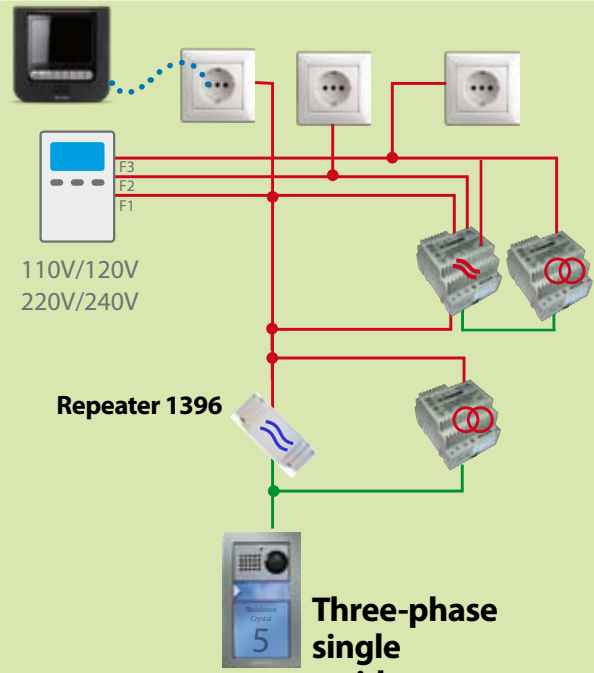
Three-phase single residence system

Two-residence system with a single entrance (shared parts meter)

110V/120V
220V/240V

110V/120V
220V/240V
SHARED
PARTS
METER

Three-phase single residence system

F3
F2
F1

110V/120V
220V/240V
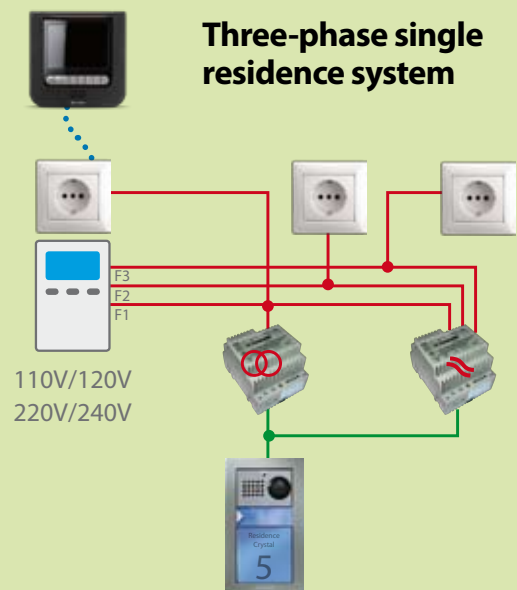
≈ IPOWER BRIDGE	⊗ TRANSFORMER	—— 240V AC(ALREADY EXISTING CONNECTIONS)	12 VAC	ELECTRICAL SUPPLIER METER
≈ REPEATER				INTERCOM.

9

Art. 8591G* kit with
Maestro - Silver

Art. 8591B* kit with
Maestro - Black

Single-residence kit

*art. 8591BU version with 110V/120V for US market
*art. 8591GU version with 110V/120V for US market

5900B Maestro Monitor - Black
Colour monitor with 5,6" high-resolution display. Made in ABS plastic with aluminium fascia, hands-free function and audio, ringtone, colour and contrast controls. Fitted with 1 door-opening pushbutton, 1 audio pushbutton, 1 privacy mode pushbutton and 5 pushbuttons for a variety of functions. Dimensions: 185x185x38 mm.
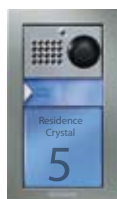
5900G Maestro Monitor - Silver
Colour monitor with 5,6" high-resolution display. Made in ABS plastic with aluminium fascia, hands-free function and audio, ringtone, colour and contrast controls. Fitted with 1 door-opening pushbutton, 1 audio pushbutton, 1 privacy mode pushbutton and 5 pushbuttons for a variety of functions. Dimensions: 185x185x38 mm.

4891 iPower external audio-video unit with 1 call pushbutton. Complete with frame and flush-mounting box
External unit with 1/ 4" CD colour camera, white LED illumination, loudspeaker volume control and aluminium call pushbutton with name label. 2 relays (C NO-NC contacts) are available and may be directly activated through the monitor. Complete with die-cast aluminium module frame and flush-mounting box. Dimensions: 125x215x15,5 mm.

5940 iPower bracket complete with power supply and desk base
iPower bracket required to complete the Maestro monitor. Pushbuttons 1 to 5 on the Maestro monitor may be programmed directly using the on screen display menu, and may be used to control intercom functions, self-ignition or external unit relay activation. Features include a 20-second "answer-phone" message and a video memory (holds up to 8 audio-video messages, each lasting up to 10 seconds). Complete with power supply and desk base.
*art. 5940U
version with 110V/120V for US market

1397 Transformer 0-110-240V AC-12 AC
Transformer with 0-110-240V AC primary winding and 0-12 V AC secondary winding. The transformer is fitted with an internal protection PTC element. Dimensions: 105x95x65 mm (6 DIN modules).

1398 iPower bridge module
Bridge module between external units and internal video entry phones. Designed for connection to single-phase/two-phase/three-phase residential mains electricity systems with nominal phase - phase voltage between 220V and 400V, and phase - neutral voltage between 110V and 240V. Terminal for local power supply of 12V AC. Dimensions: 105x95x65 mm (6 DIN modules).

Art. 8592B* kit with
Maestro - Black

Art. 8592G* kit with
Maestro - Silver

Two-residence kit

*art. 8592BU version with 110V/120V for US market
*art. 8592GU version with 110V/120V for US market

5900B Maestro Monitor - Black
Colour monitor with 5 6" high-resolution display. Made in ABS plastic with aluminium fascia, hands-free function and audio, ringtone, colour and contrast controls. Fitted with 1 door-opening pushbutton, 1 audio pushbutton, 1 privacy mode pushbutton and 5 pushbuttons for a variety of functions. Dimensions: 185x185x38 mm.

5900G Maestro Monitor - Silver
Colour monitor with 5 6" high-resolution display. Made in ABS plastic with aluminium fascia, hands-free function and audio, ringtone, colour and contrast controls. Fitted with 1 door-opening pushbutton, 1 audio pushbutton, 1 privacy mode pushbutton and 5 pushbuttons for a variety of functions. Dimensions: 185x185x38 mm.

4892 iPower external audio-video unit with 2 call pushbuttons. Complete with frame and flush-mounting box
External unit with 1/ 4" CD colour camera, white LED illumination, loudspeaker volume control and 2 aluminium call pushbuttons with name label. 2 relays (C NO-NC contacts) are available and may be directly activated through the monitor. Complete with die-cast aluminium module frame and flush-mounting box. Dimensions: 125x215x15,5 mm.

5940 iPower bracket complete with power supply and desk base
iPower bracket required to complete the Maestro monitor. Pushbuttons 1 to 5 on the Maestro monitor may be programmed directly using the on screen display menu, and may be used to control intercom functions, self-ignition or external unit relay activation. Features include a 20-second "answerphone" message and a video memory (holds up to 8 audio-video messages, each lasting up to 10 seconds). Complete with power supply and desk base.

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version with 110V/120V for US market

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Transformer with 0-110-240V AC primary winding and 0-12 V AC secondary winding. The transformer is fitted with an internal protection PTC element. Dimensions: 105x95x65 mm (6 DIN modules).

1398 iPower bridge module
Bridge module between external units and internal video entry phones. Designed for connection to single-phase/two-phase/three-phase residential mains electricity systems with nominal phase - phase voltage between 220V and 400V , and phase - neutral voltage between 110V and 240V. Terminal for local power supply of 12V AC. Dimensions: 105x95x65 mm (6 DIN modules).

KIT ACCESSORIES

5941 iPower bracket for Maestro monitor
iPower bracket required to complete the Maestro monitor. Pushbuttons 1 to 5 on the Maestro monitor may be programmed directly using the on screen display menu, and may be used to control intercom functions, self-ignition or external unit relay activation. Features include a 20-second "answerphone" message and a video memory (holds up to 8 audio-video messages, each lasting up to 10 seconds).

5912 Desk base for Maestro monitor
Desk base converts the Maestro monitor into a desktop version. Complete with 2 m of cable and connection bushing. Dimensions: 180x180x180 mm.

4670C iPower audio-video unit
iPower audio-video unit with terminal block, complete with 1/4" CCD colour camera (adjustable from the front) and LED camera illumination. Complete with audio speaker unit featuring a double amplifier, waterproof loudspeaker and electret microphone; the loudspeaker volume may be adjusted from the front. Dimensions: 102x55x35 mm.

1396 Repeater passivo iPower
Coupler module between 12 Vac of entrance panel and one phase of 110-240 Vac main electrical power. Necessary when only one phase is available at the entrance panel. With 1398 Bridge the signal will be directed over the other phases. Dimensions: 36x65x83 mm.

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