# FLEXIBLE INSTALLATION OPTIONS

The **POLOphone** system can be expanded to include five components as follows:
• Up to two entry panels
• Each entry panel is fitted with two call buttons
• Two groups of handsets
• Three handsets per group
• Intercommunication between the two groups of handsets

In addition, the **POLOphone** supports two ways for calling handsets from the entry panel(s). In one mode, pressing either call button on the entry panel(s) will ring all the handsets in the system. In the second mode, each call button rings a separate handset group.

Selecting between the two modes is programmed at the entry panel.

Mode 1
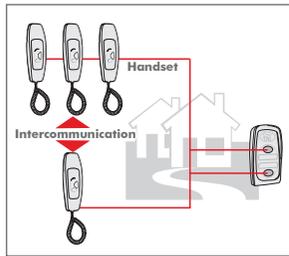
Pressing either button will ring all the handsets in the system

Mode 2
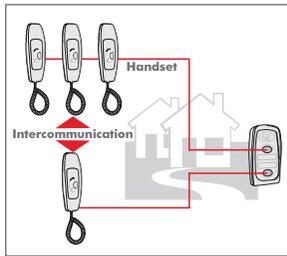
Each call button operates a separate handset group

CONFIGURATION OPTIONS
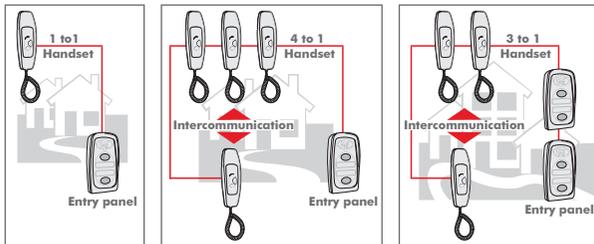
TECHNICAL SPECIFICATIONS

	POLOphone
Operating voltage	12V - 24V DC supplied from gate motor supply[1] or separate 14V DC supply
Current draw	Quiescent - 150mA ±60mA for a One-to-One Kit Maximum - 200mA
Speech volume	Adjustable at each entry panel and handset
Wiring	Two common wires polarised for speech, call and lock release
Ring tone	Electronic white button is depressed with separate tones when calling from each entry panel in a system or between groups of handsets
Call confirmation at entry panel	Yes
Wiring distance	Refer to thickness chart below
Gate/door release	Potential-free normally-open contact
Handset auxiliary contact	Requires separate wiring to two-wire bus
Operating temperature	-20°C to +50°C
Humidity	0 - 90% non-condensing
IP rating	IP56
Surge protection	Yes

1. If the 12V DC gate motor supply dips when the motor starts up and the intercom is being used at the same time, the speech quality might be affected

WIRING DISTANCE / THICKNESS

Up to 100m, use 0,2mm² wire;   up to 150m, use 0,4mm² wire
Two wires

Up to 100m, use 0,4mm² wire;   up to 150m, use 0,8mm² wire
Two wires
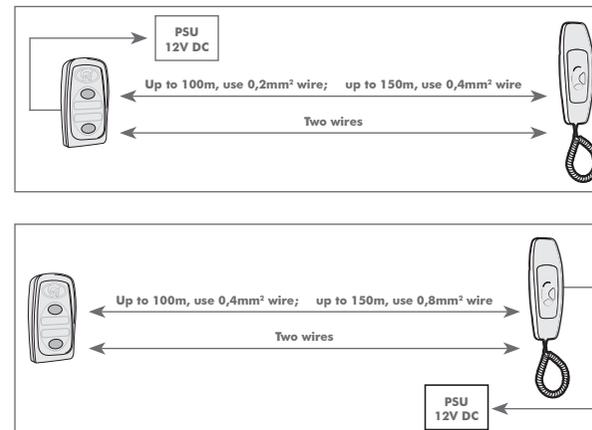
AUDIO INTERCOM SYSTEM
Say hello to POLOphone

POLOphone

No, you hang up!

With a **POLOphone** next to your ear, you'll wish the conversation would go on forever – until you discover what a pleasant experience hanging up can be.
The **POLOphone**'s unique handpiece clips neatly over the cradle to form one compact, and attractive, unit.
It's fashionable – but we haven't forgotten about function. Control up to three different access points from one handset! Innovative and stylish, yet practical – say hello to the **POLOphone**.

FEATURES AND BENEFITS

Fashion meets function

The **POLOphone** works even better than it looks. Operate your gate, door lock and even program the **POLOphone**'s spare auxiliary button to perform a function like turning on a light – all from the comfort of your own home.

Simple installation

Getting connected is easy. The **POLOphone** uses a common two wire bus – just connect entry panels and handsets to any point in the bus and you're ready to chat. You can even upgrade an existing doorbell system to have audio communication without changing any wires!

12V operation with optional battery backup

The **POLOphone** only requires a low current 12V DC supply that can be connected to either the entry panel or any handset – whichever suits you best. Battery backup ensures that your conversation will never be cut short.

Expandable

When others want to join the conversation, expanding is easy. You can start off with a One-to-One Kit and just add more handpieces when you need them – making the **POLOphone** ideal for large homes and small offices. As you expand the system, the call operation can be changed without changing any hardware to suit the requirements of the installation.

Built-in lightning protection

Mother Nature is unreliable. The **POLOphone** is anything but! Lightning and electrical surge protection come standard – so it's always on.

Intercommunication

You don't only have to have a conversation with the guest at the gate – you can call any **POLOphone** in your home. Now there's no need to scream "WHERE'S MY COFFEE!?" down the corridor.
Just pick up your **POLOhon**e, call the kitchen from your study and politely enquire as to the whereabouts of your warm beverage. The system is clever enough to switch off the entry panel so that passers by can't listen in.

Indicator LED for each gate status

For added safety and security, an LED lets you know if your gate is open, moving or closed. You don't have to peer out your window to check if your gate is wide open – only to find that your dog has got a hold of the postman again.

Single and dual call button Modes of Operation

Either set both entry panel call buttons to ring all the handsets in the system – or set each call button to ring the group of handsets linked to it. This allows for greater flexibility when you want to add more **POLOphone** handsets to your home or office.