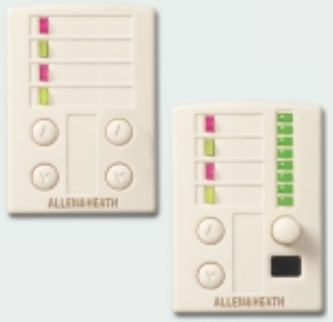
PL-Series

The **PL** series is the perfect interface between the **iDR** and the operators on site who don't need to understand the sound system - just control it. As the requirements grow at an installation, the control system can too! Start off with just the controls and display on the **iDR** unit then add wall mounted plates and hand-held remotes wherever they are needed using our CAT5 **PL-Anet** cabling system. **PL** remotes can simply daisy chain or use the **PL-Anet** hub for star wiring applications. LEDs in the system can be tri-colour status indicators [to indicate selected sources, or mutes] or they can become meters for any point in the signal flow. The LCD windows can easily be programmed to relay text information about the state of the system. You, as the designer, can customise these plug and play remotes to do exactly what the customer has been looking for. Each **PL** has its own simulator in **iDR** system manager software so you can design and demo the system offline as it will appear when the hardware is in place.

PL-3 & PL-4

PL-3 and **PL-4** wall plates have 4 or 2 programmable switches and 4 programmable tri-colour LEDs and are ideal for local operator control of the **iDR**-based audio system. They may be used, for example, for source selection for an output zone, or local volume control. The **PL-4** has, in addition, a rotary control with LED ladder and a built-in infra-red receiver - it can be operated at a distance using the **PL-5** handheld remote controller, allowing the operator to quickly and conveniently adjust the system from anywhere in the room. The control options can be different to those set on the **PL-4**.

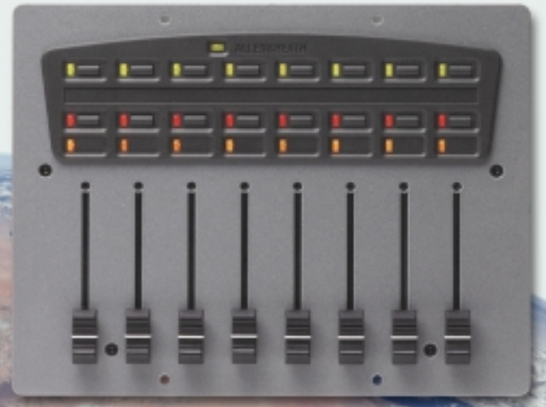


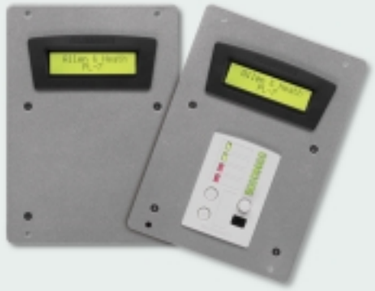
PL-5

Examples of use: multiple source selection for an output zone. Local volume level, home cinema & AV system control (projector / lighting / amplifier control), and tamper-proof control.

PL-6

The **PL-6** is ideal as a remote mix controller - e.g. as a simple operator-controlled fader panel in an installed sound system, or as a personal musician's on-stage mix controller with in-ear monitors. It has 8 faders, 24 tri-colour LEDs and 16 soft switches which are all programmable via **iDR** System Manager. Other examples for use include as a basic lighting controller via MIDI/DMX, and the unit can be wall-mounted or flange-mounted into a table or wall.



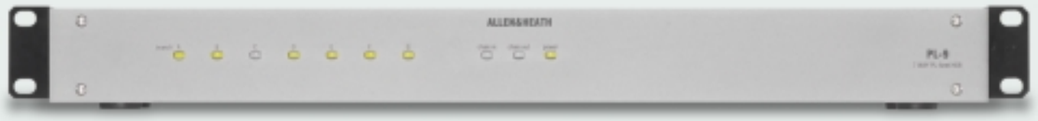


PL-7

PL-7 is a stand-alone or surface mounted LCD panel, which enables remote display of status information and text messages which can be stored in the recallable memory settings. The **PL-7** can be embedded with **PL-3** or **PL-4** wall plates, allowing programmable control from a single unit. It can also be used for remote alarm/supervisor display.

PL-8

PL-8 is a 4 input, 4 output logic control panel mounted on a wall plate which can be connected to **PL-Anet**. It is designed to interface external systems such as alarm systems, juke boxes, room dividers, fader starts and lights at a convenient location.

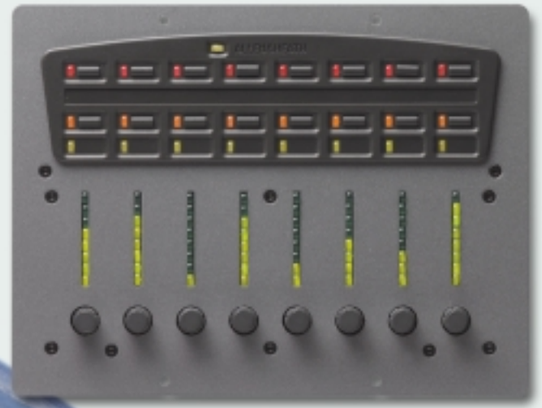


PL-9

PL-9 is a 1U rack or desk mount hub which provides up to 7 individual connections to chains of **PL** devices, offering 'star wiring', simplifying wiring and eliminating the need for complex daisy-chaining. This also provides the benefit of longer cable runs and allows easier 'plug and play' of devices such as the **PL-6** and **PL-IO**, and allows a larger number of **PL** controllers to be connected to a single **iDR** unit.

As the **PL-9** is the 'end of chain' on a **PL-Anet** branch, it offers greater flexibility by allowing **PL** wallplates to be plugged in and out easily – for example, a **PL-6** could just be plugged into a **PL-9** onstage, allowing local performer control, then removed after the event.

PL-IO



The **PL-IO** is similar to the **PL-6** - i.e. is a compact mixer interface, but has 8 rotary encoders, with LED ladder displays instead of faders, making it possible to mix live events within the **iDR** system. It's ideal for creating and controlling an output mix of cross-point groups. The **PL-IO** can be assigned to read and adjust different mixes, as the LED bars indicate the levels managed by the **iDR** unit. The unit can be hand-held, or flange-mounted into a table or wall. As the **PL-IO** has encoders rather than faders, it can respond to changes in levels made from other controllers.

PL-Calculator

PL-Calculator is an Excel-based program which enables the installer to verify that a planned system with specified **PL** devices and inter-connect distances over **PL-Anet** conforms to the system specification. The program is bundled together with the **iDR** System Manager software.

PL-Anet Specification

Application	Network for **ALLEN&HEATH** intelligent remote controllers
Connection	RJ45, RS485 with +20V DC phantom power - terminator supplied
Protocol	Proprietary **ALLEN&HEATH**
Cable	CAT5 STP (Length table available from **ALLEN&HEATH**)