

PK Consoles

// PK Console Series

The **PK console** low profile series is conceived as the solution to the needs of airport towers and control rooms, where both direct interaction with other neighbouring operators and possibility of clear line-of-sight are required. The PK console series is characterised by very **high modularity** and **low weight** design:

- Operator consoles can be easily composed by integrating smaller units to best fit into the allotted area
- The materials used for this type of consoles give lightness to the structure
- Easy transportation and modular composition make them the best choice for airport towers and control and operations rooms

The key is flexibility

Modularity does not simply mean that you can put together many pieces in a straightforward way. The PK series includes standard 30, 45, 60 degrees elements that allow any kind of composition to better exploit the available space; different angles are available on request.

This may make the difference, especially in small rooms or towers where space is really an issue and a solution for the maximum exploitation of the available space is sought. The special design of these consoles facilitates easy transportation, thanks to their low weight and modular construction.

The combination of these characteristics allows these consoles to be very easily transported to their final destination and assembled on site, avoiding logistics problems that may arise during installation in all those environments (e.g. towers) with limited accessibility because of narrow stairs, doors, etc.

PK consoles are specifically designed to give operators and controllers easy access to flat screens of different sizes, while preserving their low profile, thus making these consoles particularly fit for airfield towers. Because of their modularity, low weight and angular modules, they can be tailored to all rooms of different sizes and shapes.

Many details can be freely chosen by the customer, like colors, presence of glass surface or footboard with or without the PTT activation pedal.

Customizable

The top area on the console, above the writing panel, is customisable according to operative requirements. This wide area can easily accommodate displays, processing equipment, loudspeakers, keyboards of different kind and size, flight strips, etc.

A variety of optional arms can be installed for holding monitors of various sizes to give operators and controllers the best access to the information they are interested in. Controller Working Position keyboards are also provided with tilt frames to adjust their viewing angle, according to local lighting conditions.

The special design of this series of consoles allows to easily create versions of any desired angle, so to cope with all possible room sizes and shapes.



Main benefits

Easy installation criteria, customizable shapes, light weight and construction materials are the reasons of the success of this consoles series, especially designed for long term daily use:

- **Flexibility** - taking into consideration evolving controller requirements and equipment expansion
- **Efficient Integration** - for space optimisation both on the desk and inside the console
- **User Friendliness** - handy access to displays and communication equipment
- **Ergonomic and Comfort Factors** - to give operators the best operational workspace
- **Suitable Materials** - for long lasting, ease of installation, maintenance and workplace comfort
- **Operational Health Protection** - to grant a safe environment



Basic solutions

The following table shows some of the solutions that SITTI produces as standard products, although customized versions can be manufactured as well, especially when it comes to modules with a specific angle.

Standard features

All consoles belonging to the PK console series are characterized by the following features:

- Operative area
 - Wide writing plane
 - Headset/handset insertion panels (on both left and right sides)
 - Optional covering glass for easy reading of maps and notes
- Internal space for equipment and devices
 - Standard 19" rack inside the console
 - Protected power distribution
 - Thermo-magnetic breakers
- Removable panels
 - Two panels (one on the front, the other on the rear side) for easy maintenance
 - Ventilation grids
 - Side plates (left and right) allowing cabling between adjacent consoles
- Miscellaneous
 - Arrangement for the horizontal and vertical laying of cables
 - Anti-slip rubber foot rest board
 - Optional arrangement for foot PTT
 - Adjustable feet to compensate floor irregularities

The number of racks inside the console and their height depends on the size of the console itself. As an example, the PK312 model (which is 1200 mm wide) may host 2 racks whose maximum height is 10 U each.



Model	Shape	Working desk Height	Max Height	Length	Depth
PK 306	straight	725	877	607	1108
PK 312	straight	725	877	1210	1108
PK 317	straight	725	877	1815	1108
PK 330	30° corner	725	877	-	-
PK 345	45° corner	725	877	-	-
PK 360	60° corner	725	877	-	-