



PAXBPE

AntumbraButton Euro

Contemporary two-, four-, or six-button panel with light-wash effect

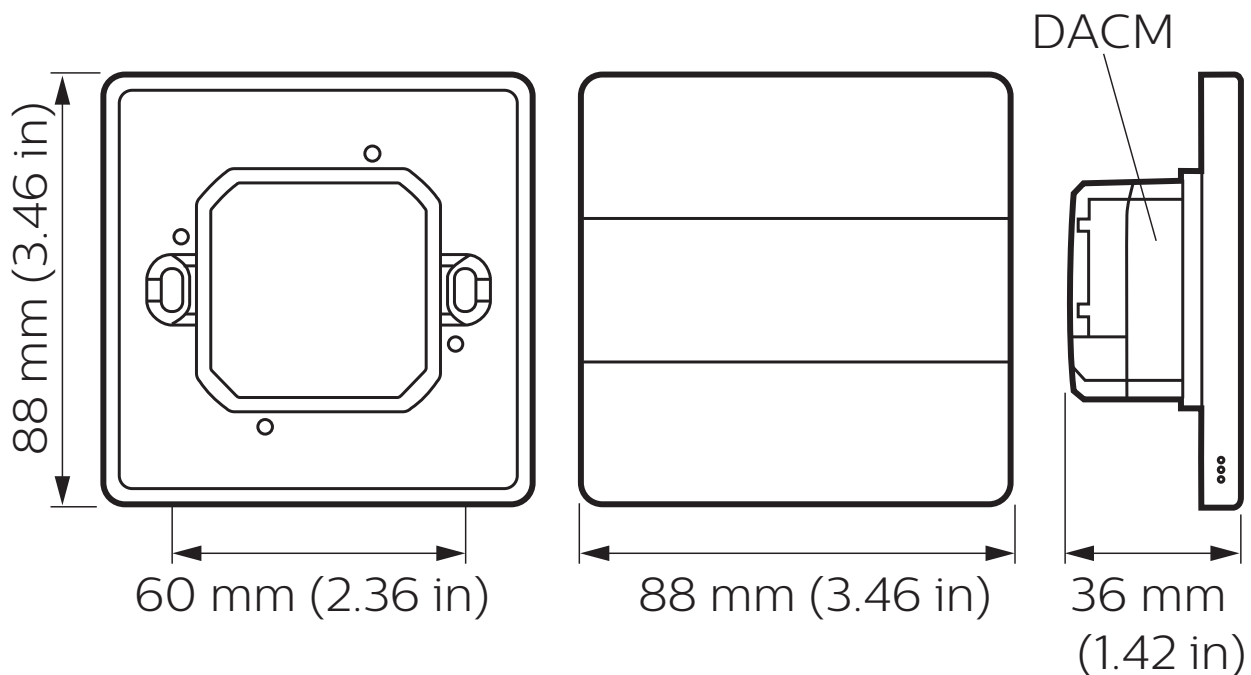
The Philips AntumbraButton user interface features a sleek, contemporary design and incorporates the latest in field effect technology. Each easy-to-press mechanical button can be customized with text or icons and programmed to perform a wide variety of local and site-wide control functions. The PABPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

PAXBPE

Contemporary two-, four-, or six-button panel with light-wash effect

- **Field effect technology*** – The user interface detects an approaching user and ‘wakes up’, initiating a wall-wash lighting effect to encourage interaction.
- **Supplied as two components** – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module (DACM) contains logical and network functions and can be pre-programmed off-site, allowing commissioning to commence prior to finalizing rim and button options.
- **Hidden sensory inputs** – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.
- **Multiple language and icon labeling** – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.
- **Décor-matching options** – Buttons and rims are available in a range of attractive polycarbonate and metallic finishes.

Dimensions



* The mounting plate must be grounded to avoid field effect false triggering by nearby ungrounded metal objects.

Specifications

Due to continuous improvements and innovations, specifications may change without notice.



PAXBPE
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Electrical

| | |
|----------------|----------------------------------|
| Supply Type | DyNet |
| Supply Voltage | 12-24 VDC SELV/Class 2 |
| Supply Current | 35 mA @ 12 VDC 20 mA @ 24 VDC |

Application Module

| | |
|------------------------------|---|
| User Inputs | 2/4/6 x software-configurable buttons |
| Indicators | White indicator LED on each button White wall-wash backlight |
| Temperature Sensor Range | 5° to 40°C (41° to 104°F) |
| Temperature Sensor Accuracy | ± 1.5°C (± 2.7°F) |
| Field Effect Detection Range | approx. 15 cm (6 in) |

Communication Module

| | |
|---------------------|--------------------|
| Serial Ports | 1 x RS-485 |
| Supported Protocols | DyNet |
| User Inputs | 1 x service switch |
| Indicators | 1 x service LED |

Physical

| | |
|--------------------------------------|--|
| Dimensions (H x W x D) | 88 x 88 x 36 mm (3.46 x 3.46 x 1.42 in) (fully assembled) |
| Packed Weight (application module) | 0.15 kg (0.33 lb) |
| Packed Weight (communication module) | 0.12 kg (0.25 lb) |
| Button/Rim Finish | See Page 4 |
| Serial Ports | 1 x 5-way pluggable screw terminal +V, D-, D+, GND, SHLD |
| Serial Port Conductor Size | 2.5 mm ² (#12 AWG) (max) |

Environment

| | |
|-------------------------------|--------------------------------------|
| Operating Temperature | -5° to 50°C ambient (23° to 122°F) |
| Storage/Transport Temperature | -25° to 60°C ambient (-13° to 140°F) |
| Humidity | 0 to 90% non-condensing |
| IEC Pollution Degree | II |

Compliance

| | |
|---------------|--------------------------|
| Certification | CE, RCM, FCC, ICES, RoHS |
| IP Rating | IP22 |

AntumbraButton European Models

PA6BPE - Six buttons



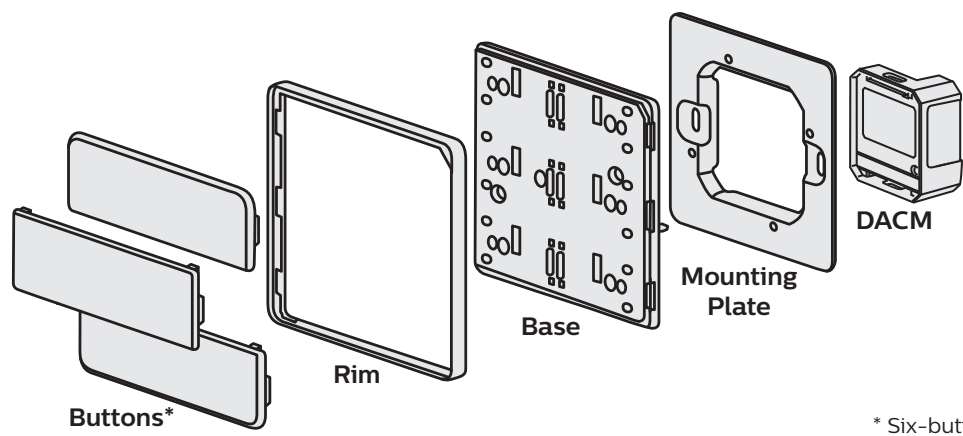
PA4BPE - Four buttons



PA2BPE - Two buttons



AntumbraButton Panel Assembly



* Six-button version shown here

Corona Button Finishes (Polycarbonate)



Magnesium
White labeling



Silver
Black labeling



White
Black labeling

Flare Button Finishes (Metallic)



Aluminum
Black labeling



Gold
Black labeling



Jet
Off-white labeling



Noir
Off-white labeling



Prestige
Black labeling



Vintage
Off-white labeling

Rim Finishes



Aluminum



Chrome



Magnesium



White

Application Module Ordering Code

The Application Module contains the buttons, rim, base and mounting plate. The buttons and rim are available in the range of finishes shown below.

The base contains all the sensors and LED indicators. Sensitive components are enclosed by a rubber envelope to give an IP22 rating, allowing installation in high-condensation environments such as bathrooms.

A metal mounting plate attaches the Antumbra panel securely to the wall, ensuring stable, reliable operation.



PA6BPE-BC-X

Number of Buttons

6 = Six buttons
4 = Four buttons
2 = Two buttons

Button Finish

Corona (Polycarbonate)
M = Magnesium
S = Silver
W = White

Flare (Metallic)

A = Aluminum
G = Gold
J = Jet
N = Noir
P = Prestige
V = Vintage

Rim Finish

A = Aluminum
C = Chrome
M = Magnesium
W = White

Button Labeling

L = Labeling
X = No labeling

Communication Module Ordering Code

The Communication Module is compatible with all interfaces across the Antumbra series, and can be ordered, programmed, installed, wired and tested without the Application Module attached.

This allows the commissioning process to begin before the final finish options have been chosen, or during construction, and protects the Application Module from damage until the site is ready for occupancy.



Product

DACM-DyNet (DyNet communication module)

Philips 12NC

913703970707

Accessories

DINGUS-DUS-RJ12-DUAL (dual RJ12 connector - pack of 10)

913703064309

DINGUS-UI-RJ45-DUAL (dual RJ45 connector - pack of 10)

913703064209



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