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.
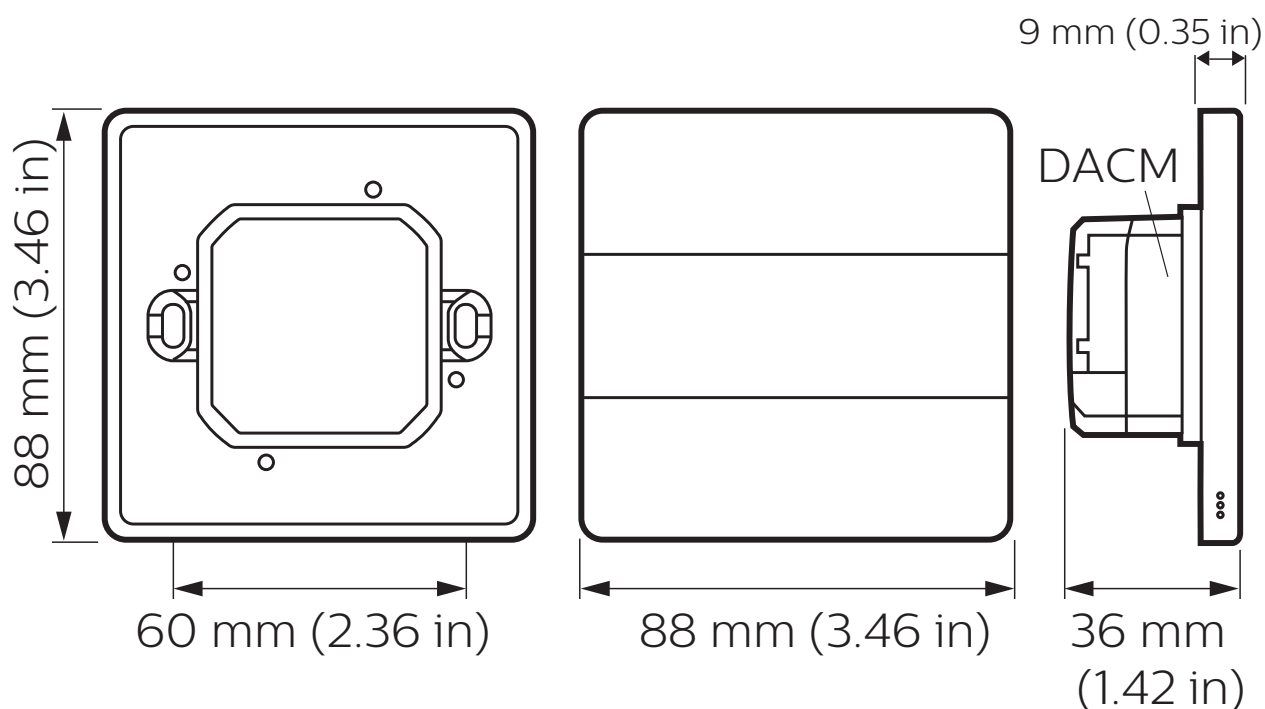
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- **Field effect technology*** – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

- **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.

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

- **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.

- **64-channel DMX Tx support –** Can be factory-set to DMX instead of DyNet, to communicate directly with DMX fixtures

Dimensions

9 mm (0.35 in)

DACM

88 mm (3.46 in)

60 mm (2.36 in)   88 mm (3.46 in)   36 mm (1.42 in)

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

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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	± 0.5°C (± 0.9°F)
Field Effect Detection Range	approx. 5 cm (2 in)

Communication Module

Serial Ports	1 x RS-485
Supported Protocols	DyNet DMX Tx
DMX Tx Channels	64
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, UKCA, RoHS
IP Rating	IP22

*   For indoor installation only
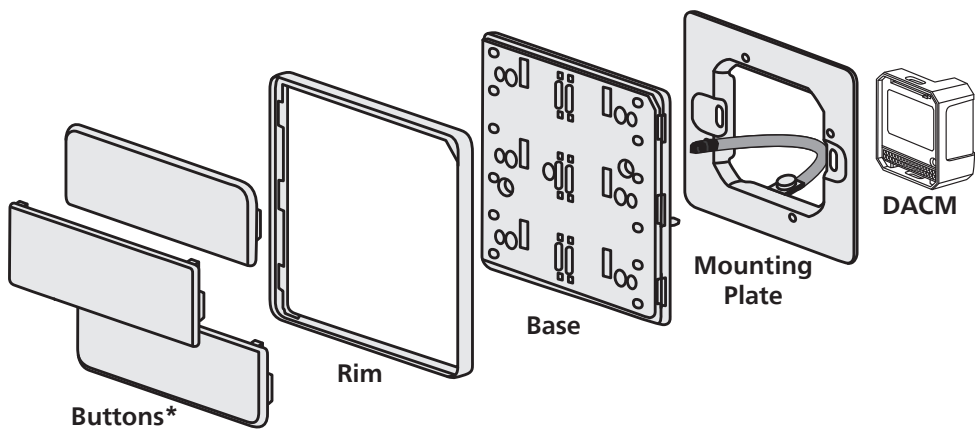
AntumbraButton European Models

PA6BPE - Six buttons

PA4BPE - Four buttons

PA2BPE - Two buttons

AntumbraButton Panel Assembly

Buttons* **Rim** **Base** **Mounting Plate** **DACM**

*   Six-button version shown here

Corona Button Finishes (Polycarbonate)

Magnesium
White labeling

Silver
Black labeling

White
Black labeling

Flare Button Finishes (Metallic)

NOTE: Flare colors are created through a batch-controlled anodizing process. Separate batches may vary slightly in color and surface appearance.

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**

PAxBPE AntumbraButton Euro Specification Sheet

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-MC-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	Philips 12NC
DACM-DyNet (DyNet communication module)	913703072809

Accessories	
DINGUS-DUS-DUAL-RJ12 (dual RJ12 connector - pack of 10)	913703064309
DINGUS-UI-DUAL-RJ45 (dual RJ45 connector - pack of 10)	913703334609

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