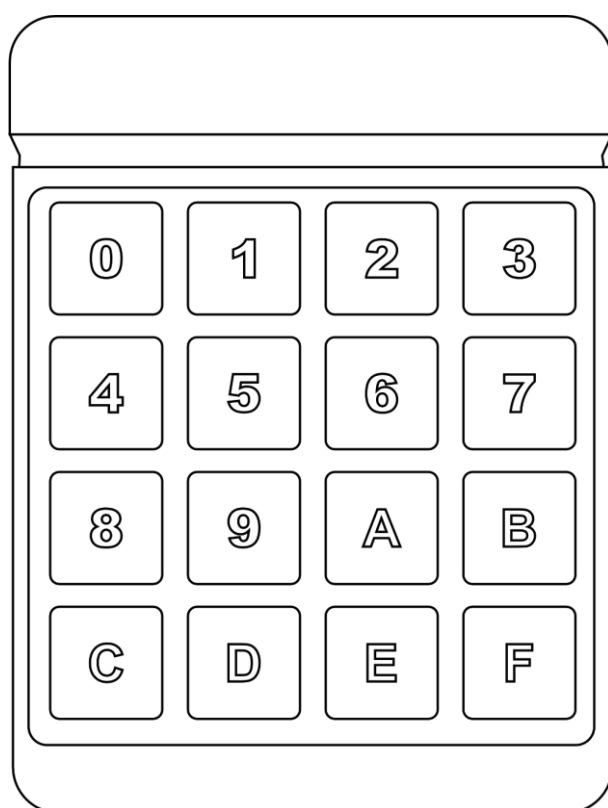


# DAP

**USER MANUAL**



**ENGLISH**

**Keypad for LED Control**

**V1**

**Product code: D1822**

### Preface

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Thank you for purchasing this DAP product.

The purpose of this user manual is to provide instructions for the correct and safe use of this product.

Keep the user manual for future reference as it is an integral part of the product. The user manual shall be stored at an easily accessible location.

This user manual contains information concerning:

- Safety instructions
- Installation and operation of the device
- Intended and non-intended use of the device
- Maintenance procedures
- Troubleshooting
- Transport, storage and disposal of the device

Non-observance of the instructions in this user manual may result in serious injuries and damage of property.

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## 1. Introduction

### 1.1. Before Using the Product



#### Important

Read and follow the instructions in this user manual before installing, operating or servicing this product.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual.

After unpacking, check the contents of the box. If any parts are missing or damaged, contact your Highlite International dealer.

Your shipment includes:

- DAP Keypad for LED Control
- 4P4C/4P4C cable, 8 m
- User manual

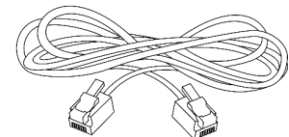


Fig. 01

### 1.2. Intended Use

This device is intended for use as a keypad. It is suitable only for indoor use. Any other use, not mentioned under intended use, is regarded as non-intended and incorrect use.

### 1.3. Text Conventions

Throughout the user manual the following text conventions are used:

- Buttons: All buttons are in bold lettering, for example “Press the **UP/DOWN** buttons”
- References: References to chapters and parts of the device are in bold lettering, for example: “Refer to **2. Safety**”, “press the **power switch (03)**”
- 0–255: Defines a range of values
- Notes: **Note:** (in bold lettering) is followed by useful information or tips

### 1.4. Symbols and Signal Words

Safety notes and warnings are indicated throughout the user manual by safety signs.

Always follow the instructions provided in this user manual.



#### Attention

Indicates important information for the correct operation and use of the product.



#### Important

Read and observe the instructions in this document.



Provides important information about the disposal of this product.

### 1.5. Symbols on the Information Label

This product is provided with an information label. The information label is located on the bottom of the device. The information label contains the following symbols:



This device shall not be treated as household waste.

## 2. Safety



### Important

**Read and follow the instructions in this user manual before installing, operating or servicing this product.**

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual.

### 2.1. Warnings and Safety Instructions



#### Attention

**This device shall be used only for the purposes it is designed for.**

This device is designed to be used as a keypad. Any incorrect use may lead to hazardous situations and result in injuries and material damage.

This device does not contain user-serviceable parts. Unauthorized modifications to the device will render the warranty void. Such modifications may result in injuries and material damage.



#### Attention

**Do not expose the device to conditions that exceed the rated IP class conditions.**

This device is IP20 rated. IP (Ingress Protection) 20 class provides protection against solid objects greater than 12 mm, such as fingers, and no protection against harmful ingress of water.

### 2.2. Requirements for the User

This product may be used by ordinary persons. Maintenance and installation may be carried by ordinary persons. Service shall be carried out only by instructed or skilled persons. Contact your Highlite International dealer for more information.

Instructed persons have been instructed and trained by a skilled person, or are supervised by a skilled person, for specific tasks and work activities associated with the service of this product, so that they can identify risks and take precautions to avoid them.

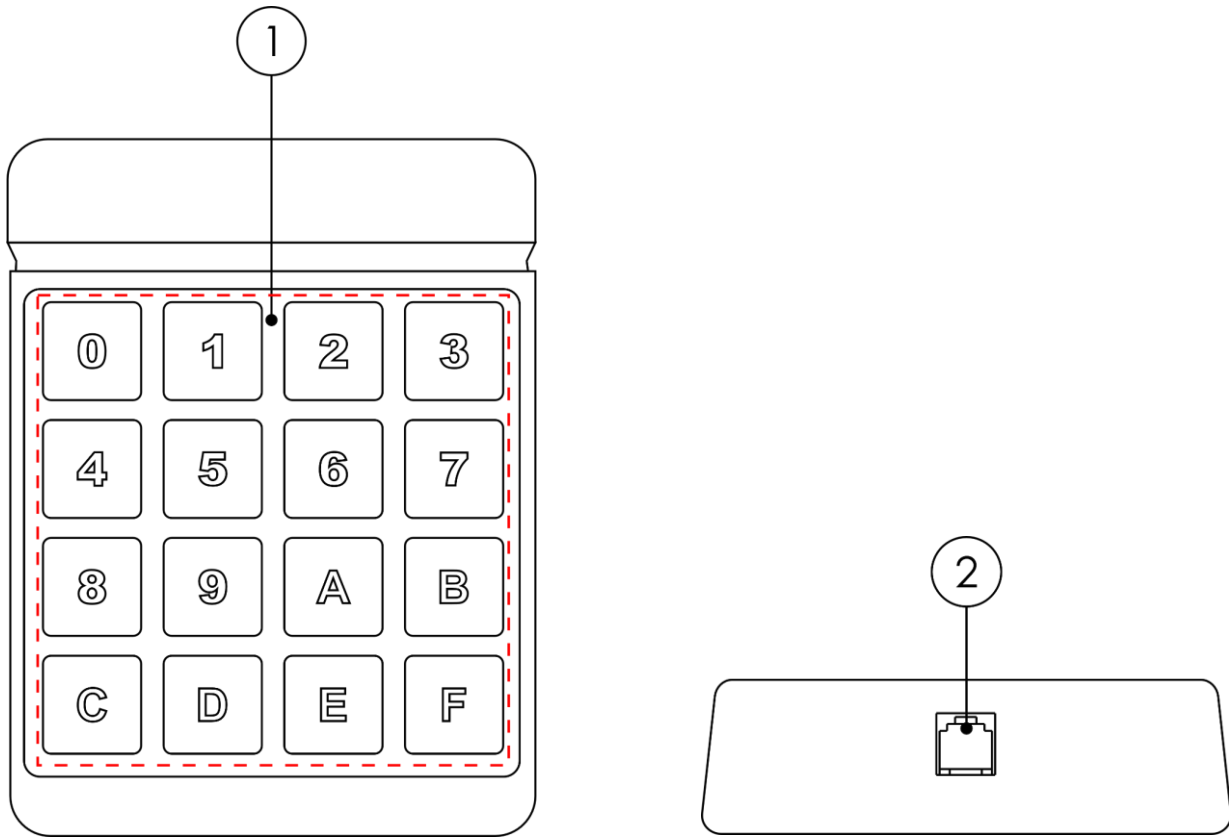
Skilled persons have training or experience, which enables them to recognize risks and to avoid hazards associated with the service of this product.

Ordinary persons are all persons other than instructed persons and skilled persons. Ordinary persons include not only users of the product but also any other persons that may have access to the device or who may be in the vicinity of the device.

### 3. Description of the Device

The DAP Keypad for LED Control is a dedicated keypad for use with the DAP Silent Disco Transmitter (D1820) and the DAP Silent Disco Headphones (D1821). With the keypad you can change the color of the LEDs on the ear cups of the Silent Disco Headphones for each channel. There are 16 settings available.

#### 3.1. Top and Back Views



01) Keypad

02) 4P4C connector

Fig. 02

#### 3.2. Product Specifications

Model:	Keypad for LED Control	
<b>Physical:</b>		
Dimensions:	120 x 90 x 25 mm (L x W x H)	
Weight:	0,13 kg	
<b>Connections:</b>		
Input connection:	4P4C connector	
<b>Construction:</b>		
Housing:	Plastic	
Color:	Black	
IP rating:	IP20	
<b>Thermal:</b>		
Minimum ambient temperature $t_a$ :	0 °C	
Maximum ambient temperature $t_a$ :	40 °C	

## 3.3. Compatibility



### Attention Product compatibility

The Keypad for LED Control is designed to be operated only with the Silent Disco Headphones and the Silent Disco Transmitter. The Silent Disco Headphones and the Silent Disco Transmitter are not supplied with the Keypad for LED Control.

You need to purchase the Silent Disco Headphones and the Silent Disco Transmitter separately:

- product code: D1820 (Silent Disco Transmitter);
- product code: D1821 (Silent Disco Headphones).

Contact your Highlite International dealer for more information.

## 3.4. Dimensions

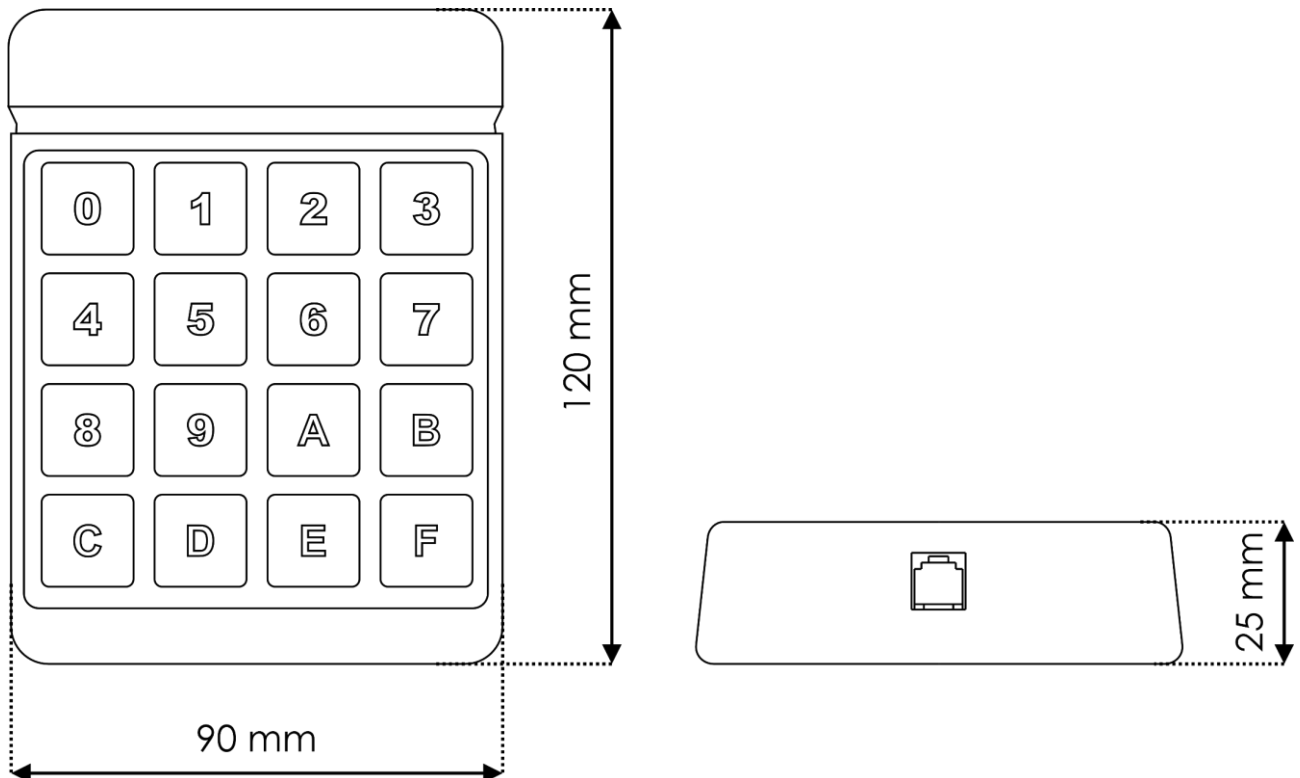


Fig. 03

## 4. Setup and Operation

### 4.1. Setup Example

This is a typical setup example with a Silent Disco Transmitter, a number of Silent Disco Headphones, a Keypad for LED Control, and a DJ mixer.

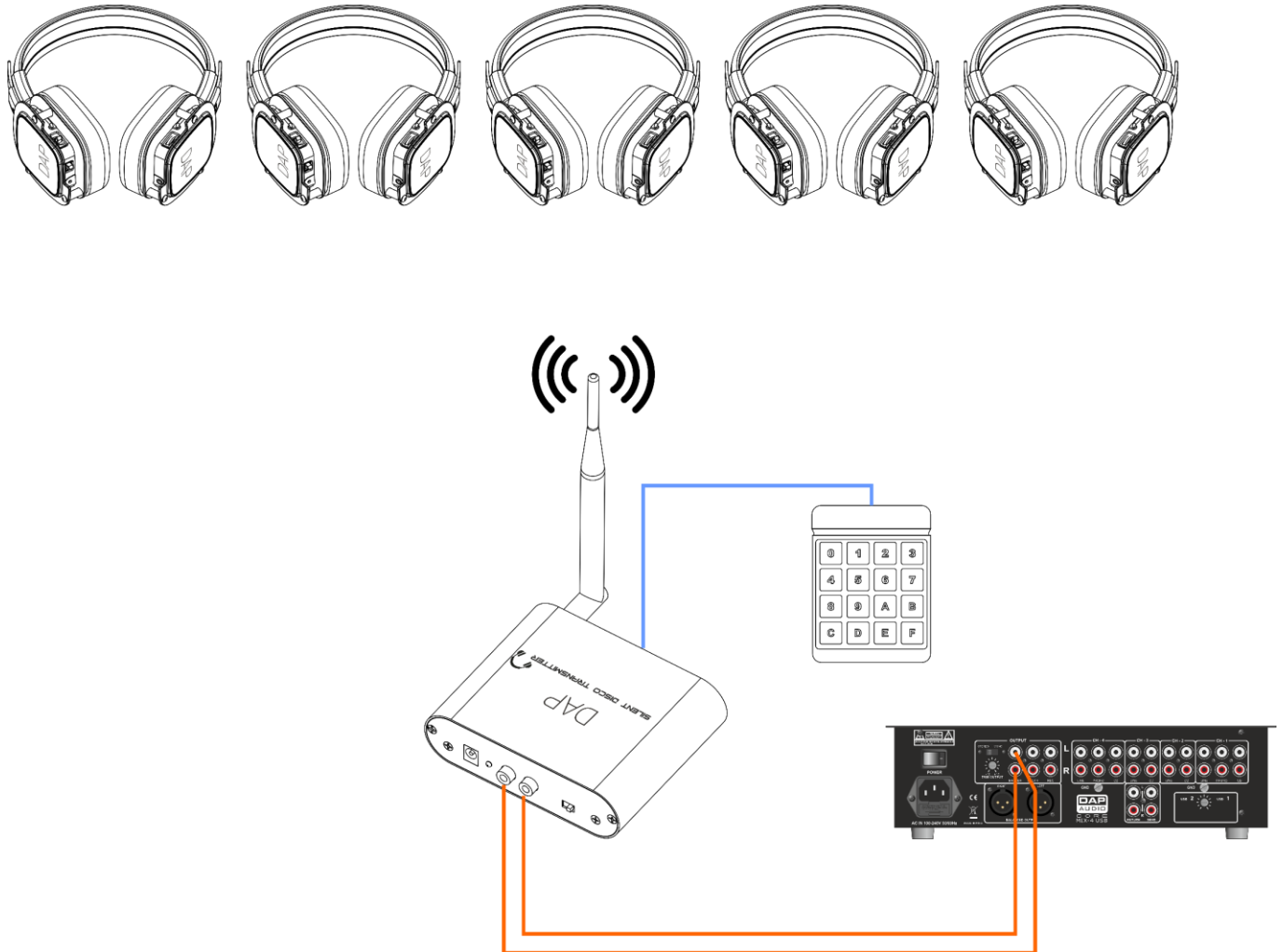


Fig. 04

### 4.2. Connecting the Keypad

The device is supplied with a connection cable.

Connect the **4P4C connector (02)** of the device to the transmitter with supplied cable.

When the device is connected to the transmitter, the decimal point on the display of the transmitter lights up. For more information refer to the user manual of the Silent Disco Transmitter.



Channel 3 is selected and the keypad is connected to the device.



## 4.3. Operation

With the Keypad for LED Control you can change the color of the LEDs on the ear cups of the Silent Disco Headphones for each channel.

- 01) Connect the device to the transmitter. See **4.2. Connecting the Keypad** on page 7 for more information. The decimal point on the display of the transmitter lights up.
- 02) Select the channel on the transmitter for which you want to change the color of LEDs. See the user manual of the Silent Disco Transmitter for more information.
- 03) Set the headphones to the selected channel. See the user manual of the Silent Disco Headphones for more information.
- 04) Press one of the keys on the **keypad (01)** to change the color of the LEDs. You can select one of the following options:

Key	Function	Key	Function
0	Reset to the original color	8	Flashing red
1	Blinking	9	Flashing blue
2	Solid red	A	Flashing green
3	Solid blue	B	Flashing cyan
4	Solid green	C	Flashing yellow
5	Solid cyan	D	Flashing purple
6	Solid yellow	E	Flashing blue, red, green
7	Solid purple	F	Off

- Press the **0 key** to reset the colors of LEDs to the original values:
  - Channel 1 – blue
  - Channel 2 – red
  - Channel 3 – green
- Press the **F key** to turn off the LEDs on the headphones.

## 5. Troubleshooting

This troubleshooting guide contains solutions to problems which can be carried out by an ordinary person. The device does not contain user-serviceable parts.

Unauthorized modifications to the device will render the warranty void. Such modifications may result in injuries and material damage.

Refer servicing to instructed or skilled persons. Contact your Highlite International dealer in case the solution is not described in the table.

Problem	Probable cause(s)	Solution
The device does not function at all	Poor connection	<ul style="list-style-type: none"> <li>Examine the connections. Replace the cable if the cable or the connectors are damaged</li> </ul>
	No power to the transmitter or the headphones	<ul style="list-style-type: none"> <li>Makes sure that the transmitter and headphones are powered and switched on</li> </ul>
Not all connected headphones respond correctly	Channel selection is not correct	<ul style="list-style-type: none"> <li>Makes sure that the headphones and the transmitter are on the same channel</li> </ul>

## 6. Maintenance

### 6.1. Preventive Maintenance

#### 6.1.1. Basic Cleaning Instructions

- Clean the device with a soft, lint-free cloth.
- Use a gas duster to clean the keypad.



#### Attention

- Do not immerse the device in liquid.
- Do not use solvents.

### 6.2. Corrective Maintenance

The device does not contain user-serviceable parts. Do not open the device and do not modify the device.

Refer repairs and servicing to instructed or skilled persons. Contact your Highlite International dealer for more information.

## 7. Deinstallation, Transportation and Storage

- Use the original packaging to transport the device, if possible.
- Clean the device before storing. Follow the cleaning instructions in chapter **6.1.1. Basic Cleaning Instructions** on page 9.
- Store the device in the original packaging, if possible.

## 8. Disposal

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### Correct disposal of this product



Waste Electrical and Electronic Equipment

This symbol on the product, its packaging or documents indicates that the product shall not be treated as household waste. Dispose of this product by handing it to the respective collection point for recycling of electrical and electronic equipment. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. For more detailed information about recycling of this product contact the local authorities or the authorized dealer.

## 9. Approval

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Check the respective product page on the website of Highlite International ([www.highlite.com](http://www.highlite.com)) for an available EU declaration of conformity.

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DAP

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