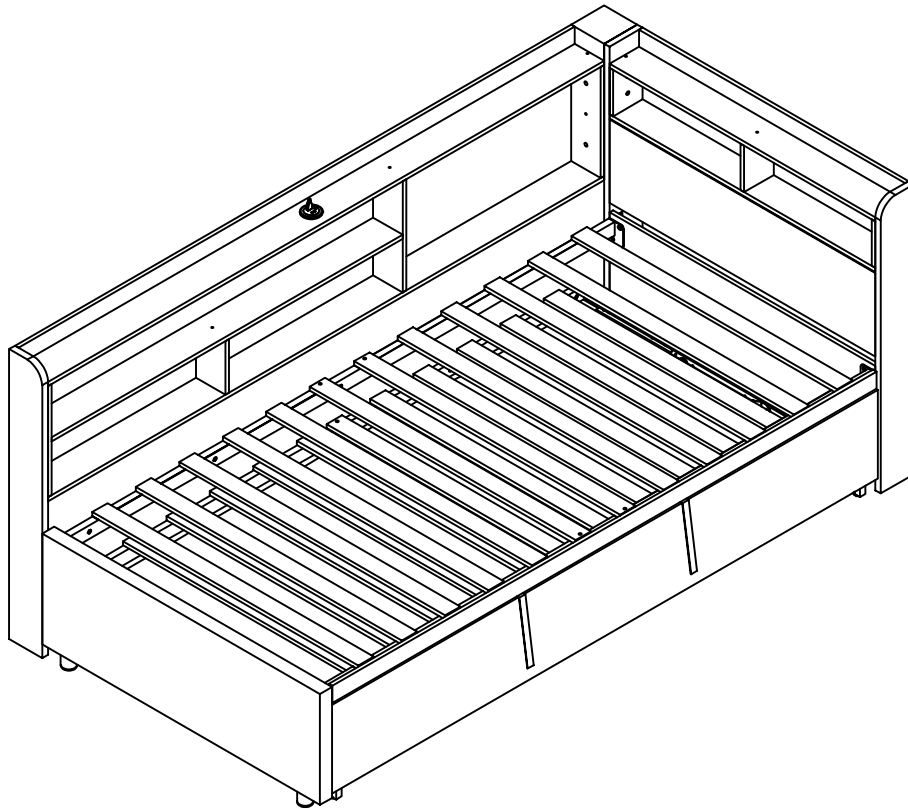


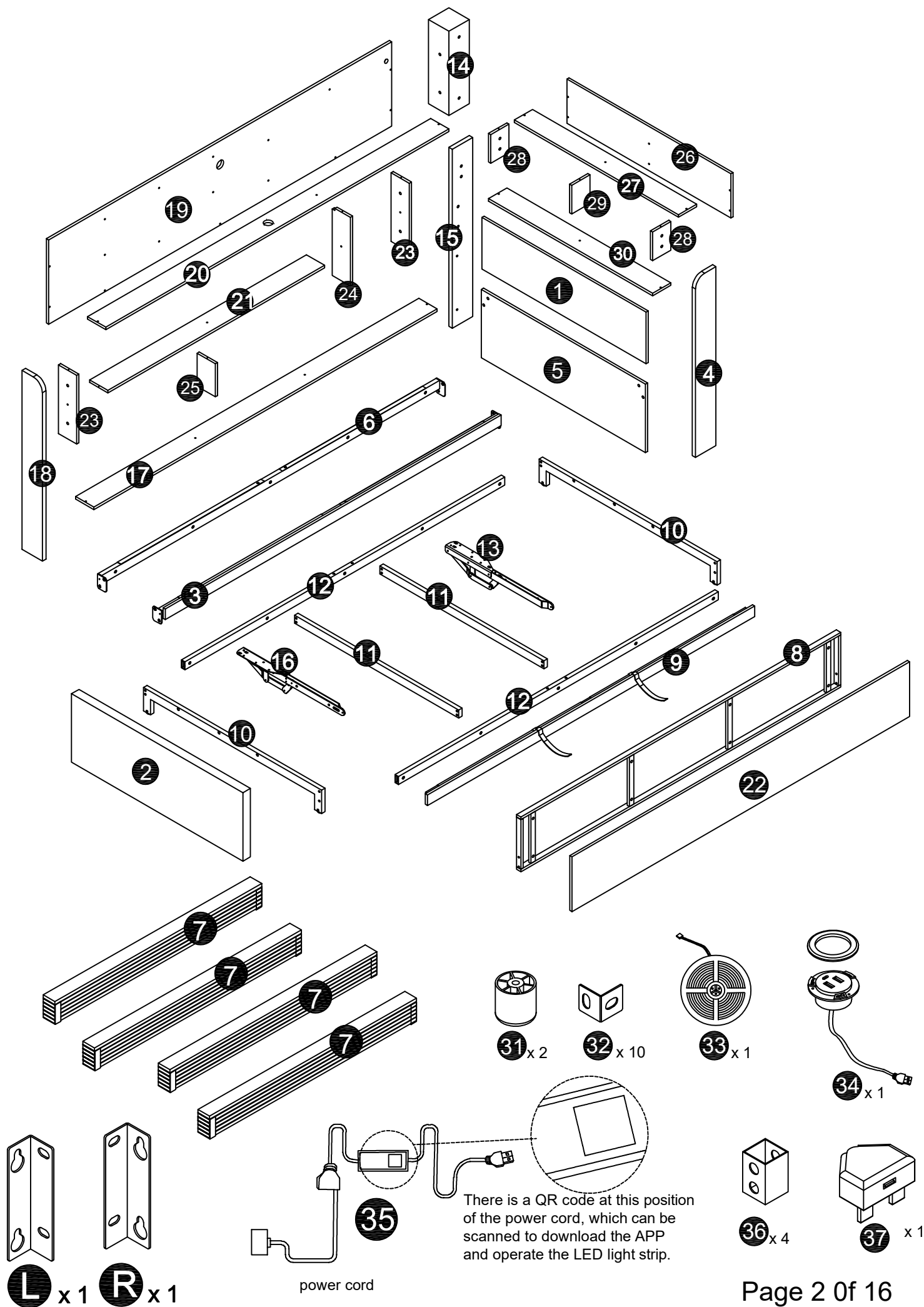
ASSEMBLY INSTRUCTION

N604P458113/ N604P458114

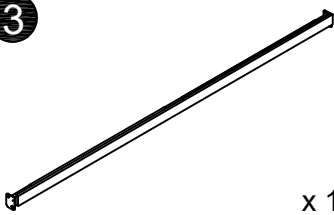
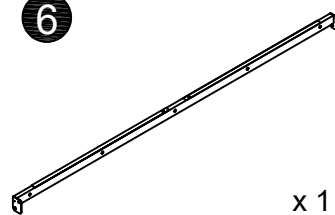
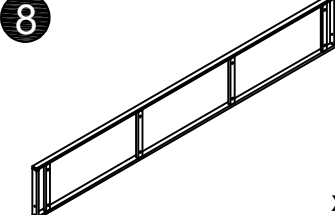
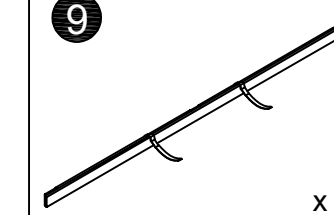
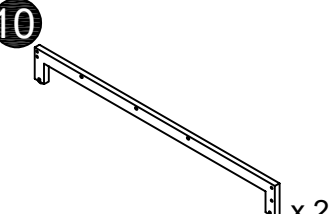
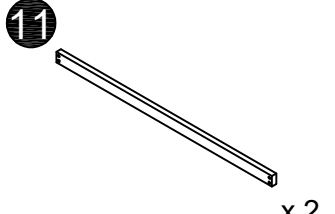
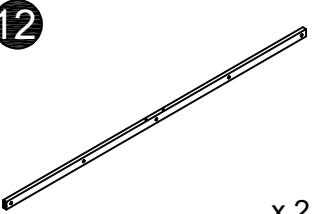
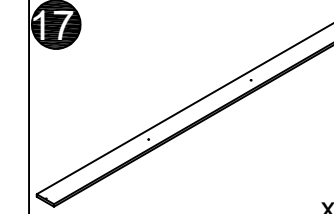
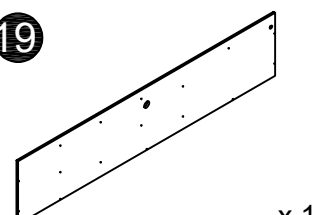
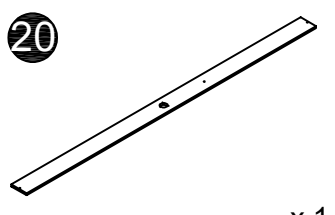
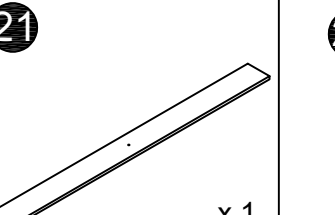
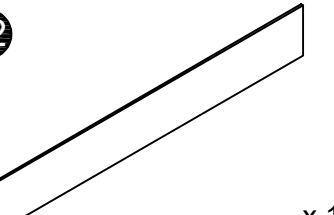
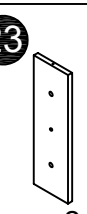
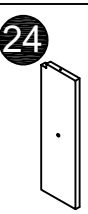
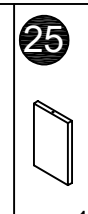
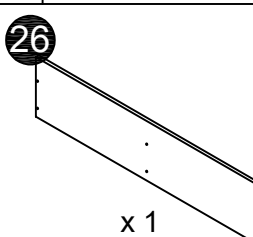
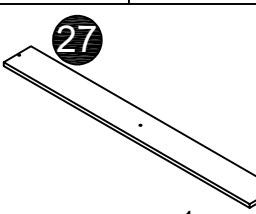
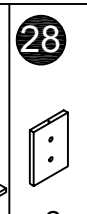
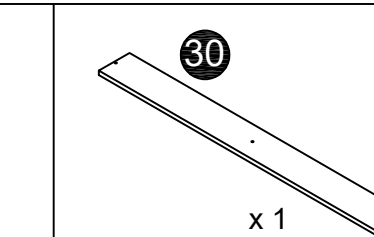


TIPS

- 1.This product is divided into 2 parcels for delivery. They may not arrive at the same time.Please wait patiently.
- 2.Please read the instructions fully before assembly. These instructions include important information which could ensure correct assembly. We have been working on providing high quality products for you. However, in the rare instance that your product is defective,missing parts or there are some issues, please don't hesitate to contact our customer service to submit parts requirements, assembly suggestion,or warranty claims, and we will give the best solution as soon as possible. If necessary, we need you to provide some more clear pictures of the issue.
- 3.Insert the screws in holes and tighten the screws, but not too tight, 70%~80% is ok, finally tighten all the screws. If some issues happened that some screws can not target to the hole or some parts are difficult to install, please adjust the tightness of the screws.
- 4.2 people are recommended to finish.

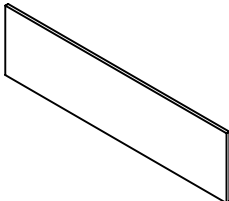
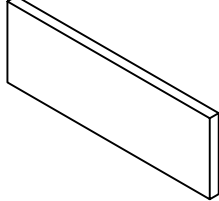
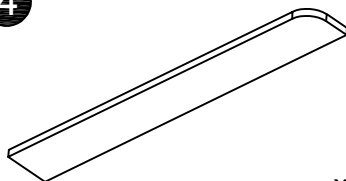
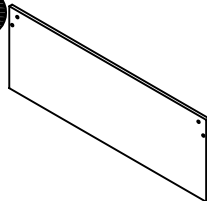
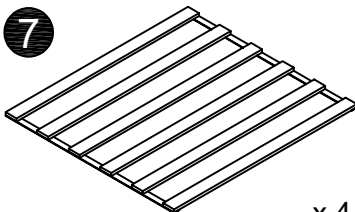
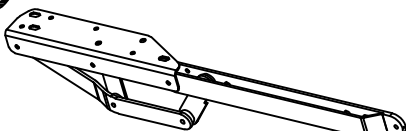
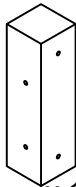
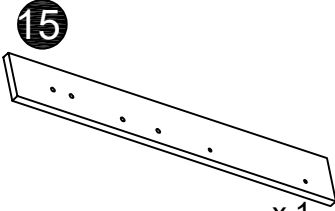
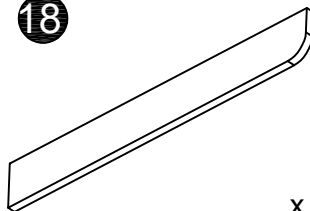
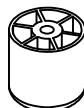
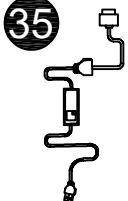
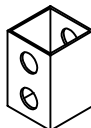
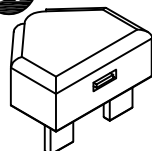


Part list
N604P458113

3  x 1	6  x 1	8  x 1	9  x 1				
10  x 2	11  x 2	12  x 2	17  x 1				
19  x 1	20  x 1	21  x 1	22  x 1				
23  x 2	24  x 1	25  x 1	26  x 1	27  x 1	28  x 2	29  x 1	30  x 1

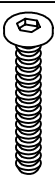
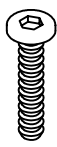
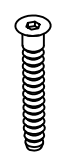
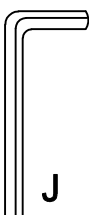
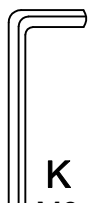
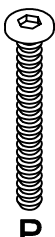
Part list

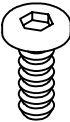
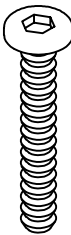
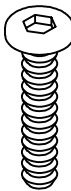
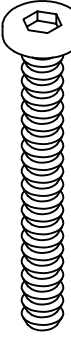
N604P458114

1  x 1	2  x 1	4  x 1	5  x 1			
7  x 4	13  x 1	16  x 1	14  x 1			
15  x 1	18  x 1	L  x 1	R  x 1	31  x 2	32  x 10	33  x 1
34  x 1	35  x 1	36  x 4	37  x 1			

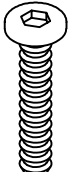
Hardware list

N604P458114

A  M8x20 x 8	B  M6x35 x 10	C  M8x45 x 14	D  M8x30 x 16	E  M8x25 x 12	F  M8x15 x 4	G  6x40 x 37	H  M6x20 x 14	I  M6x11 x 6	J  M8 x 1	K  M6 x 1
N  3x12 x 3	O  x 1	P  M8x65 x 4	Q  x 6	S  x 1						

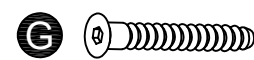
						
A M8x20 x 8	C M8x40 x 14	D M8x32 x 16	E M8x25 x 12	F M8x15 x 4	P M8x65 x 4	

UK:Please note that the shapes of screws A and C and D and E and F and P are similar.Please install according to the instructions and distinguish them!

			
B M6x35 x 10	G M6x40 x 37	H M6x20 x 14	I M6x11 x 6

UK:Please note that the shapes of screws B and G and H and I are similar.Please install according to the instructions and distinguish them!

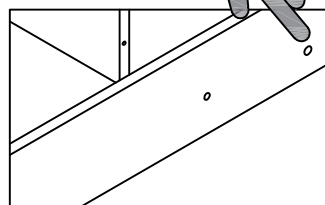
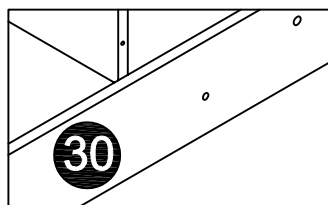
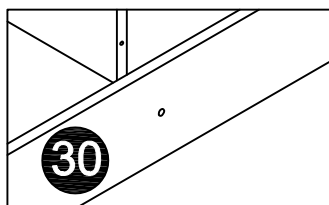
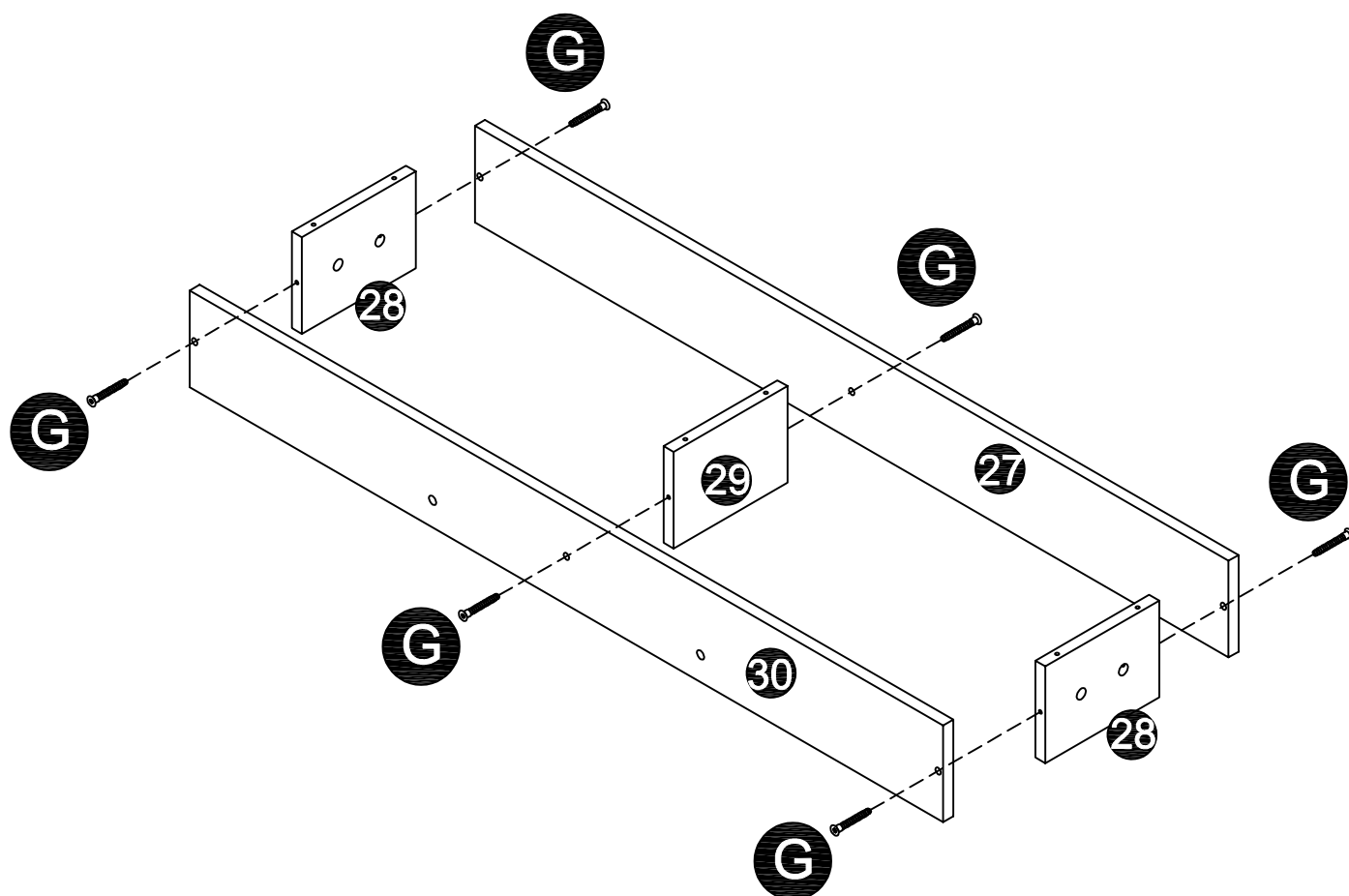
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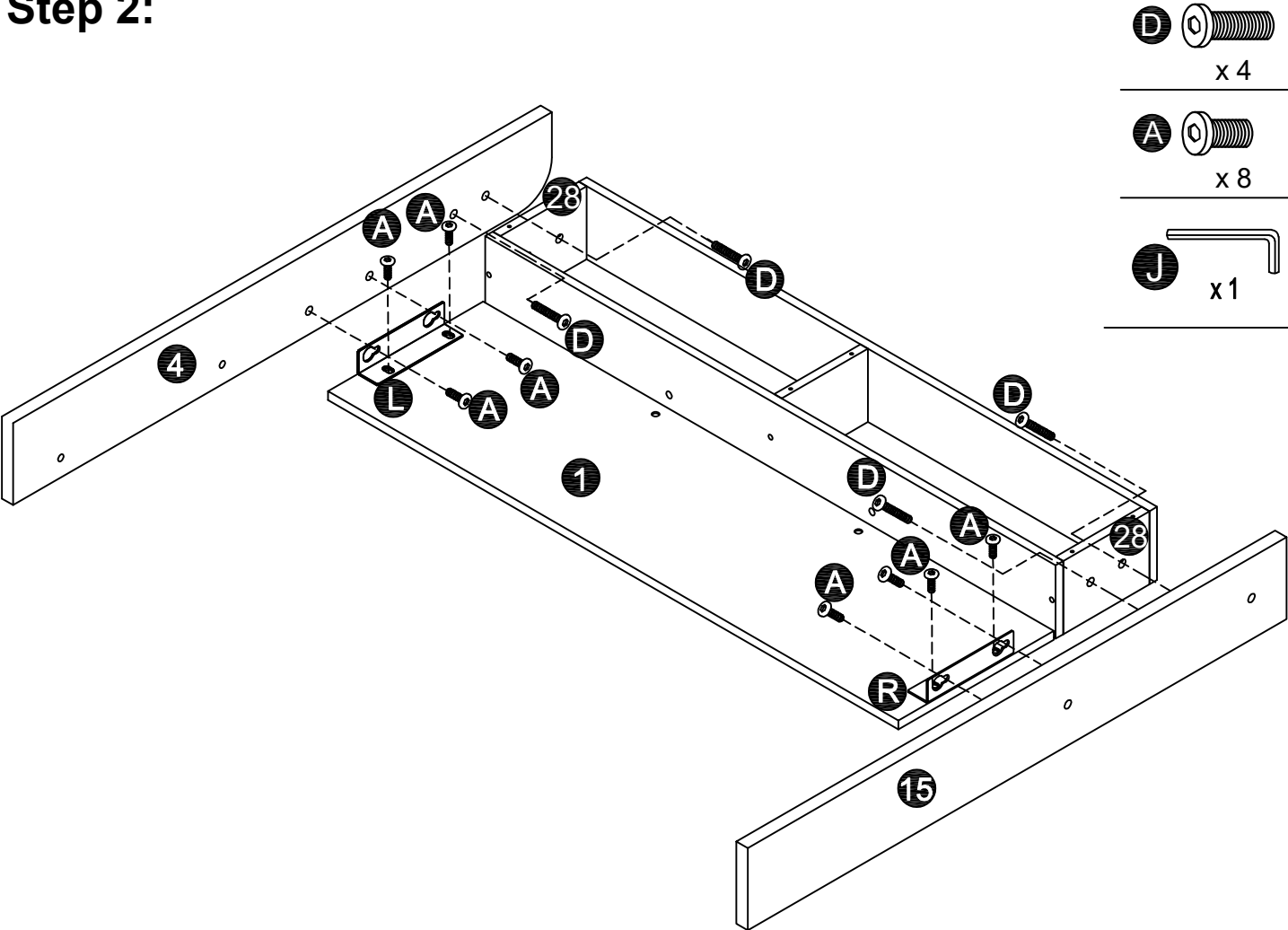
x 6



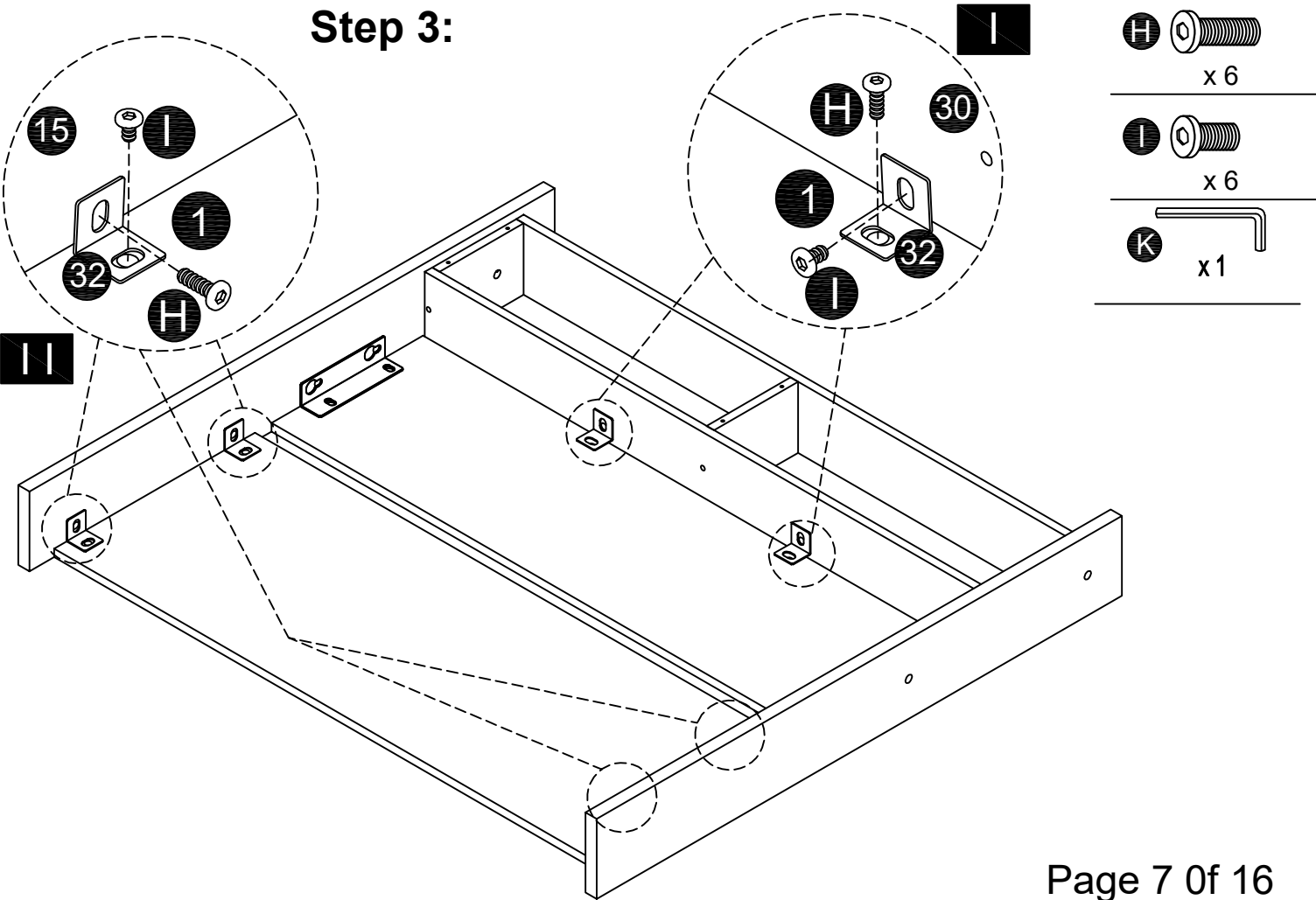
x 1



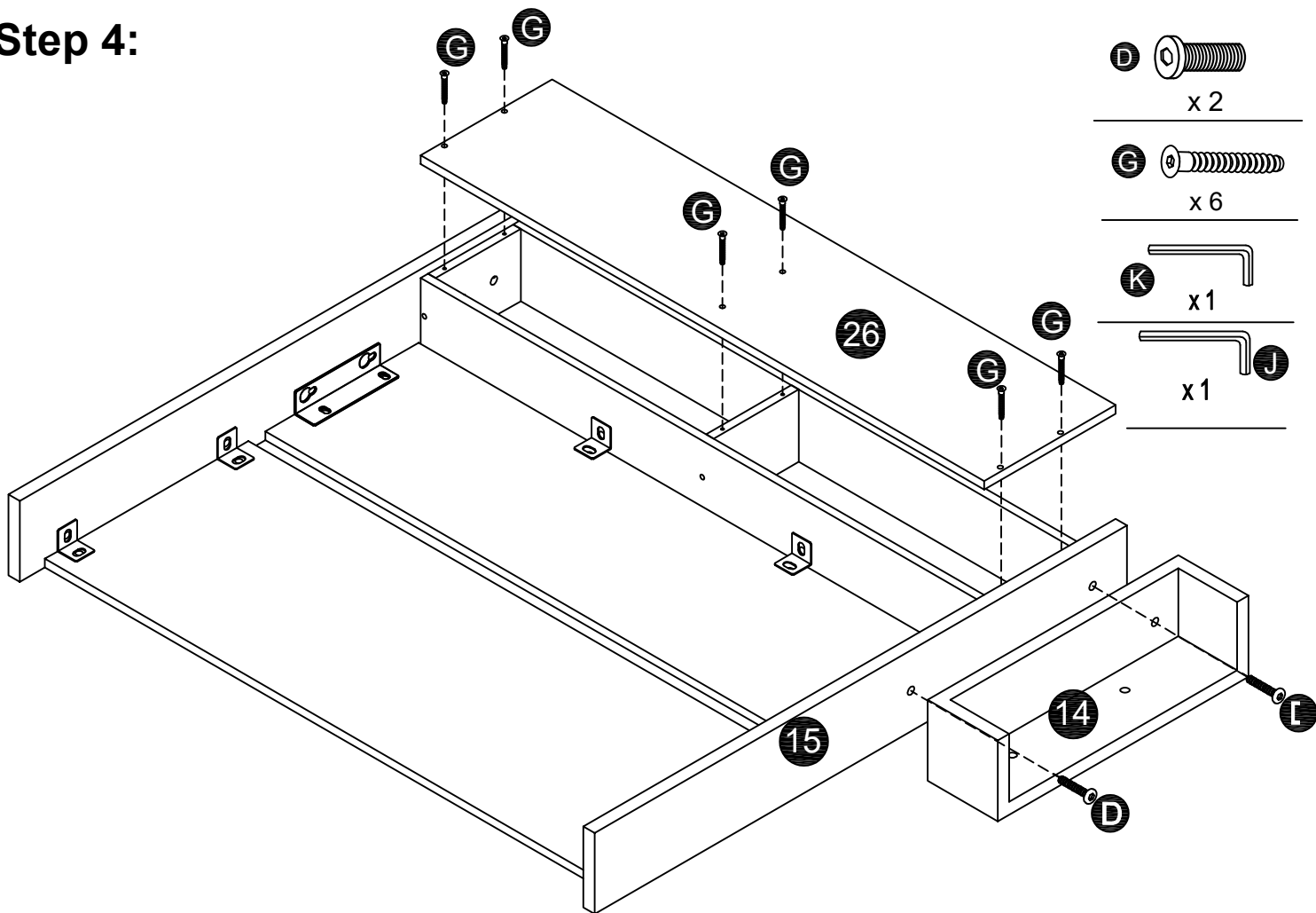
Step 2:



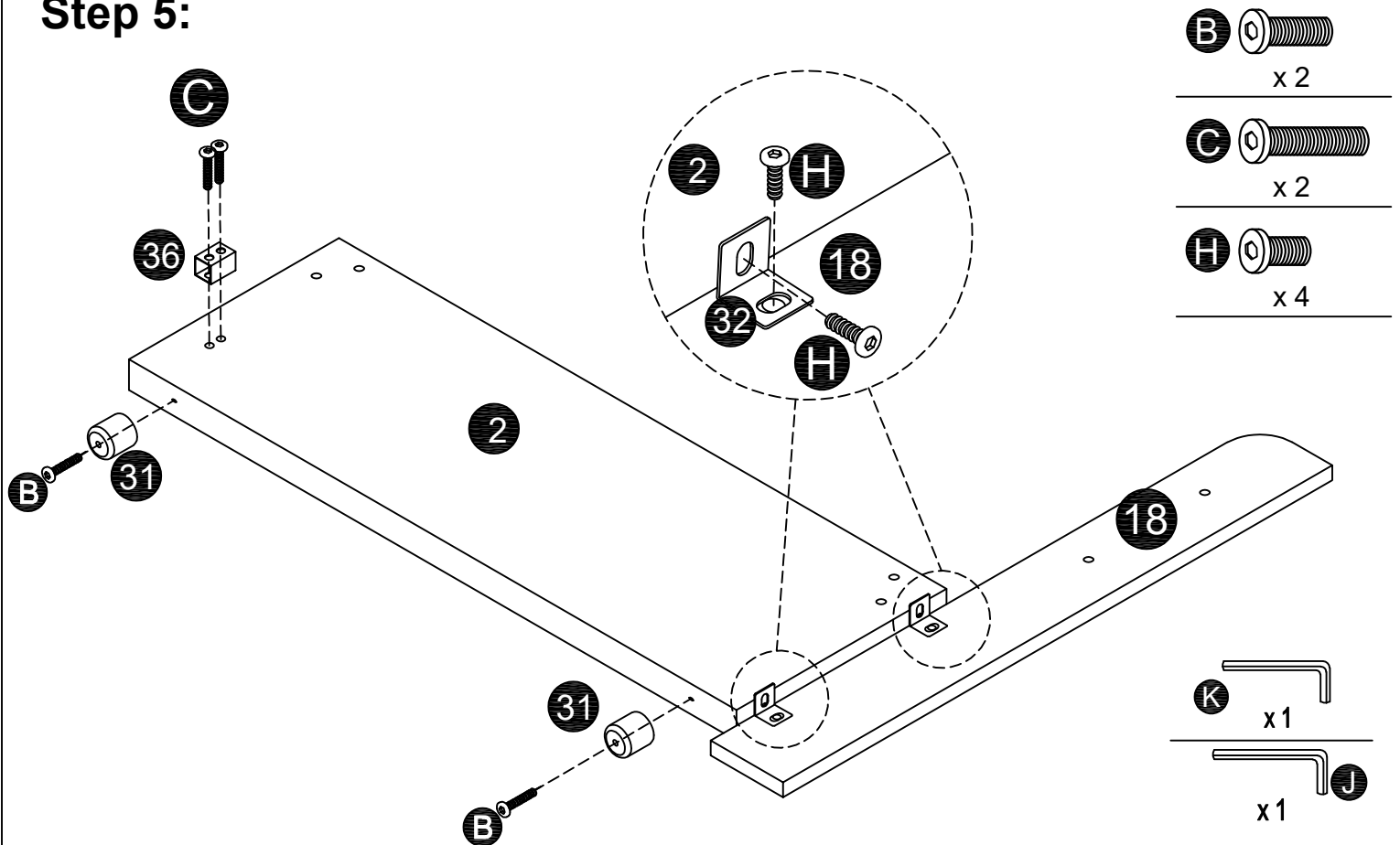
Step 3:



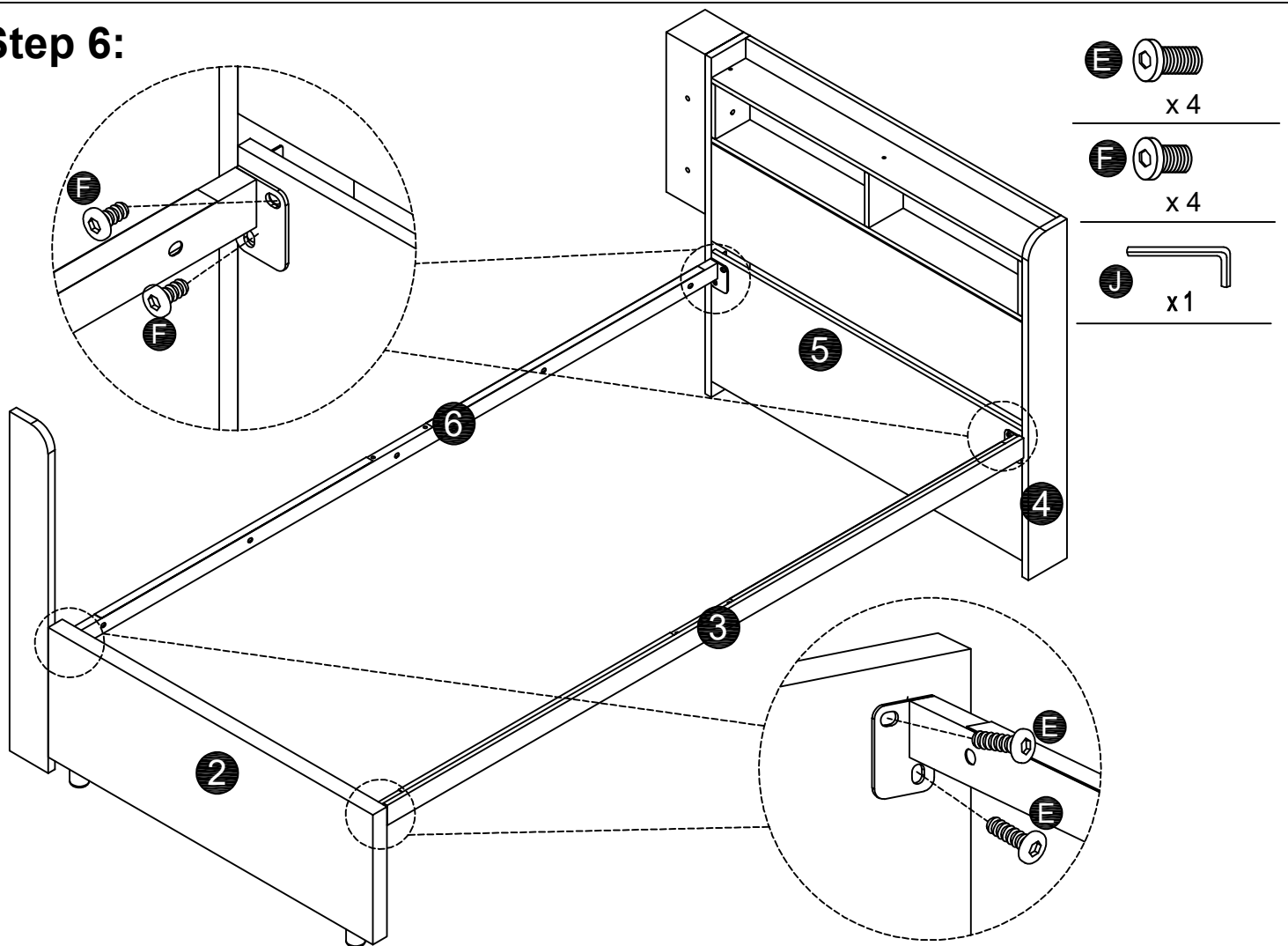
Step 4:



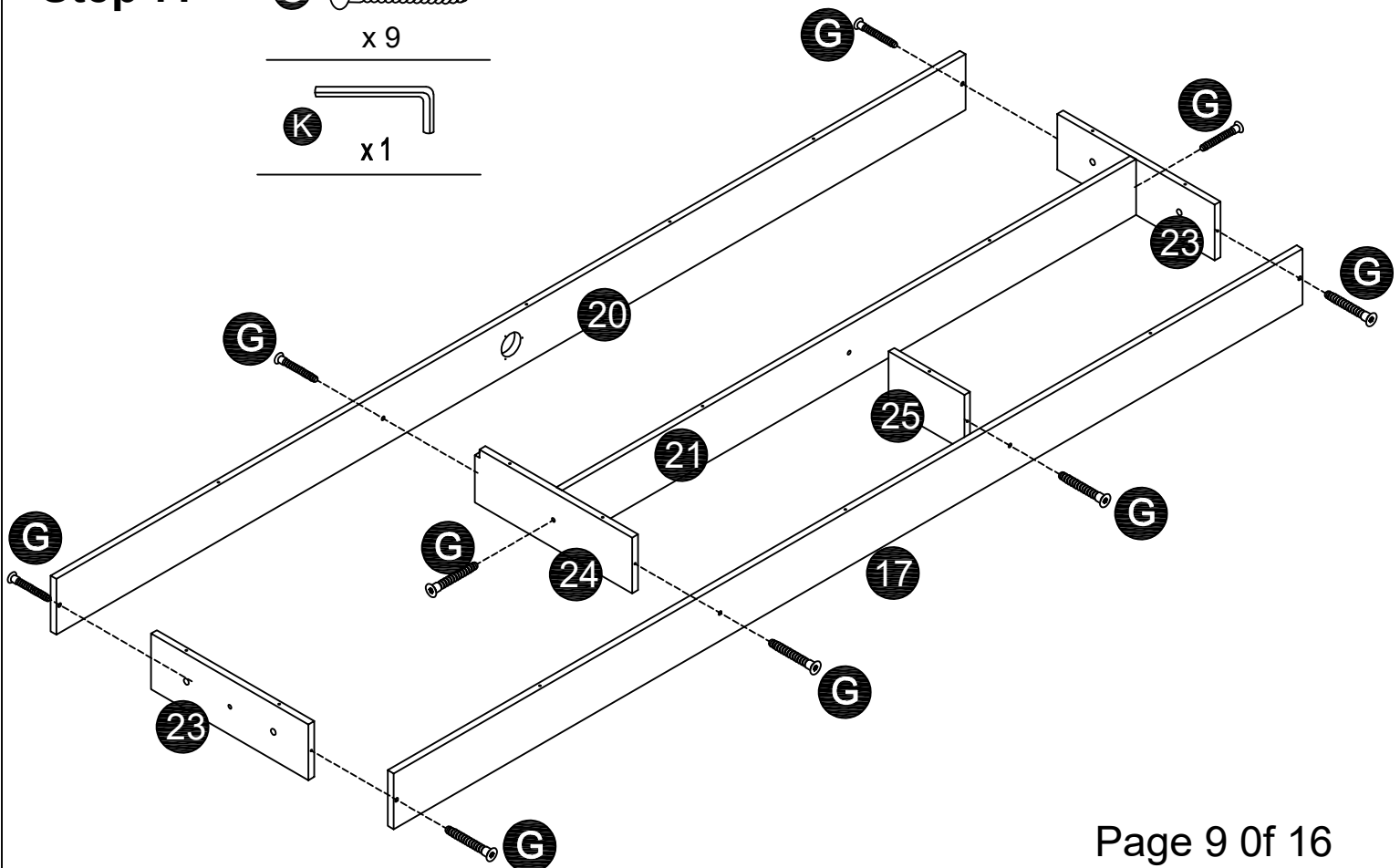
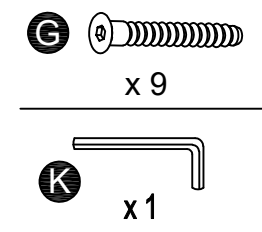
Step 5:



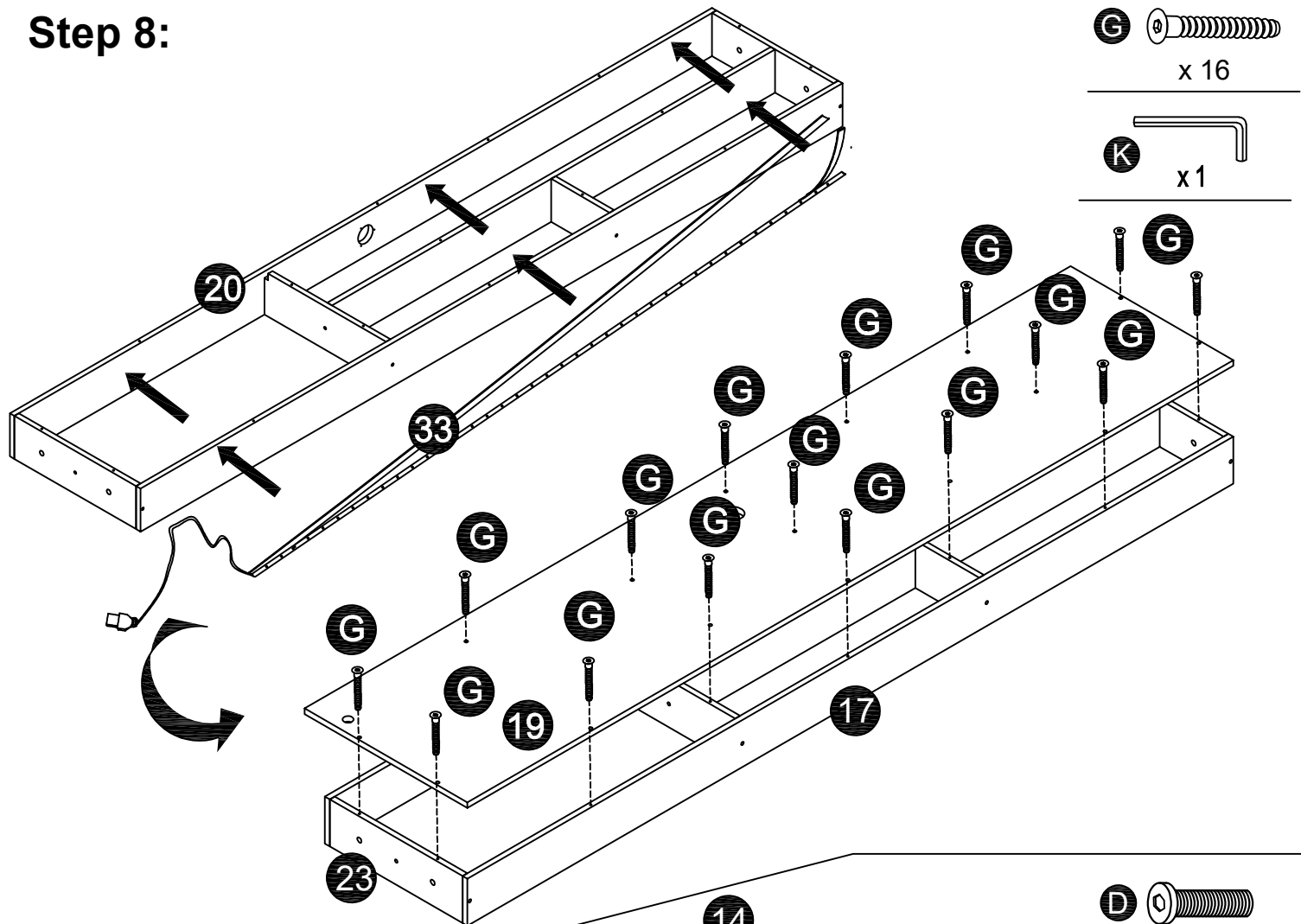
Step 6:



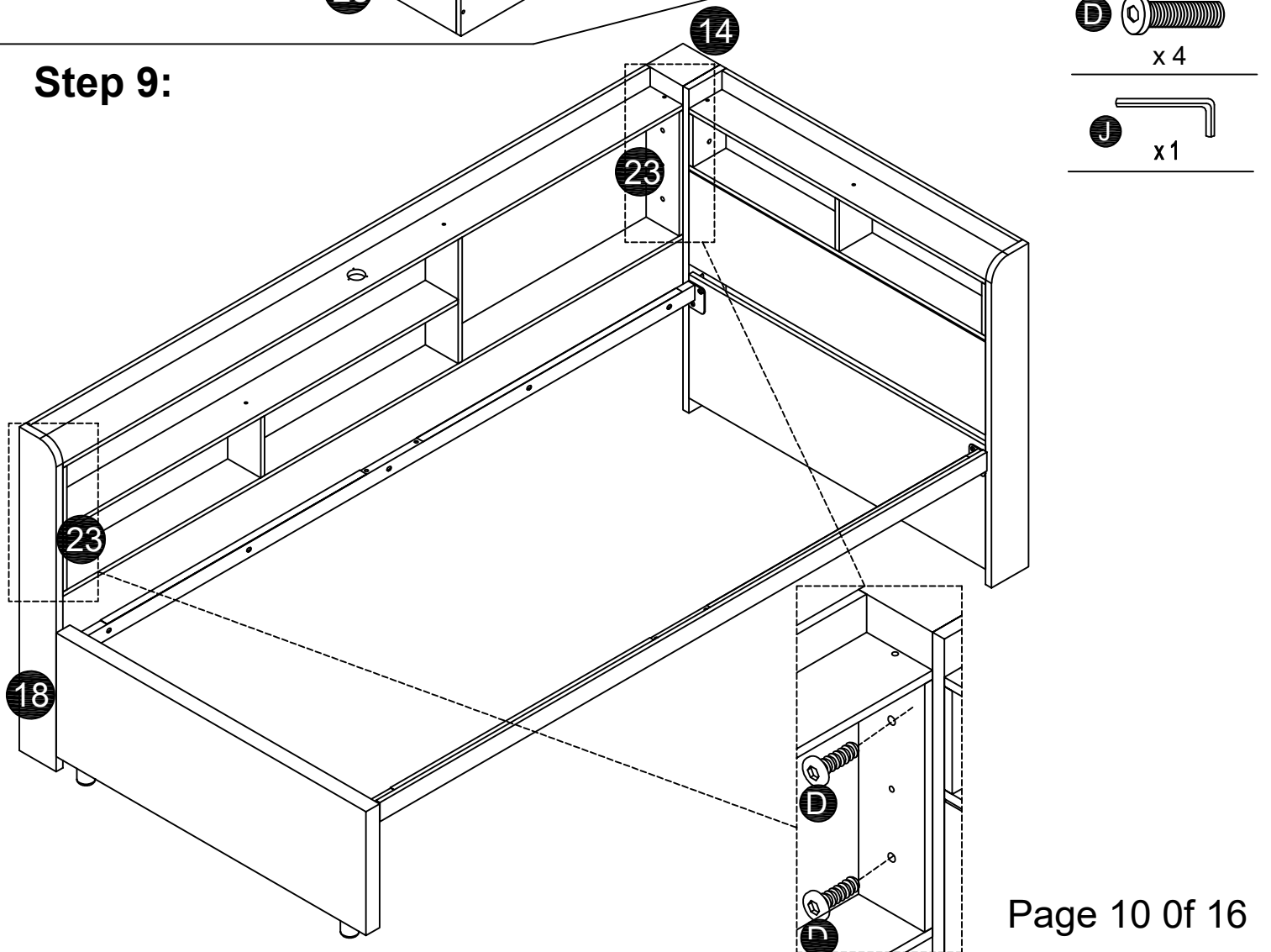
Step 7:



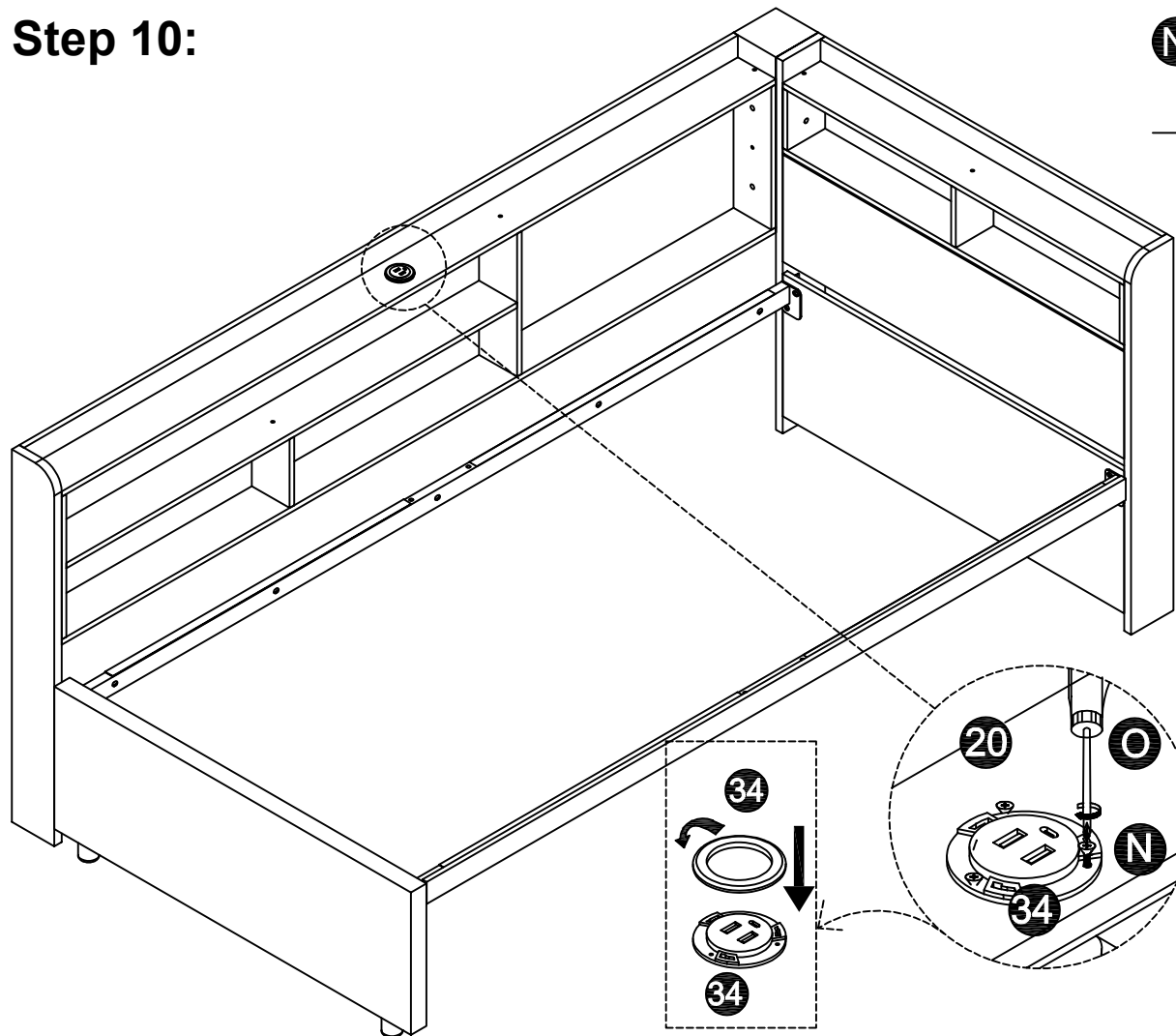
Step 8:



Step 9:



Step 10:



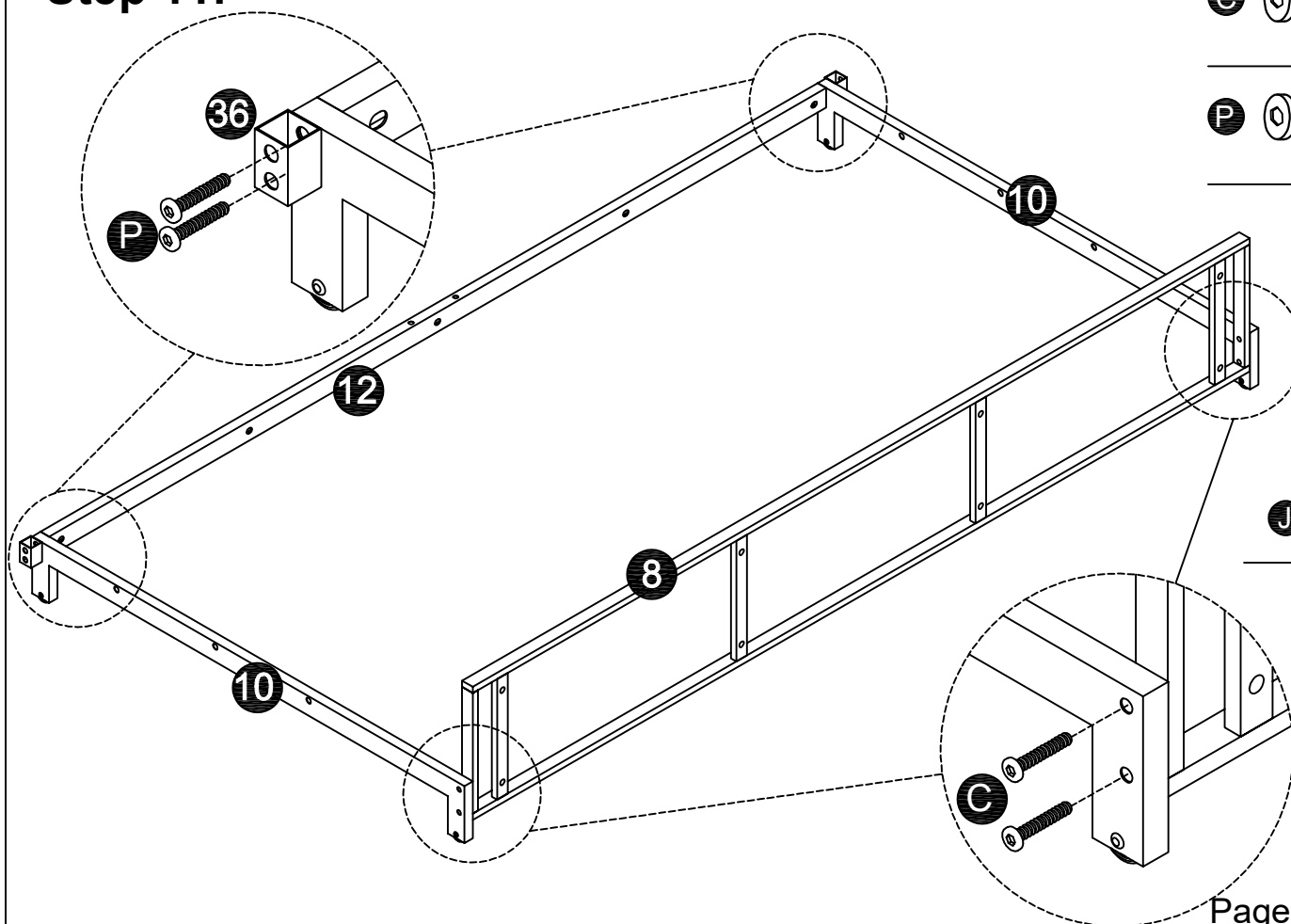
N 

x 3

O 

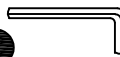
x 1

Step 11:

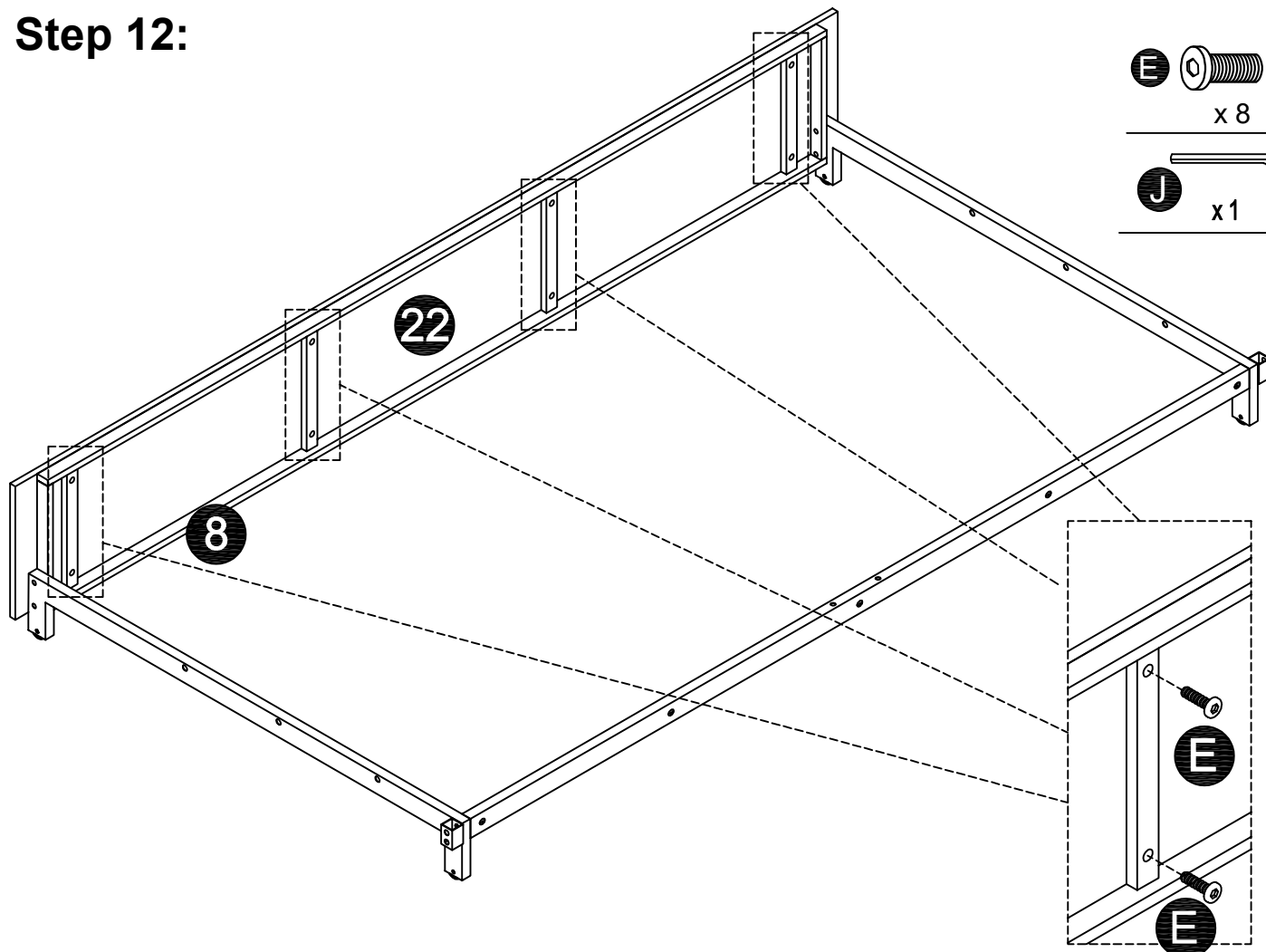


C  x 4

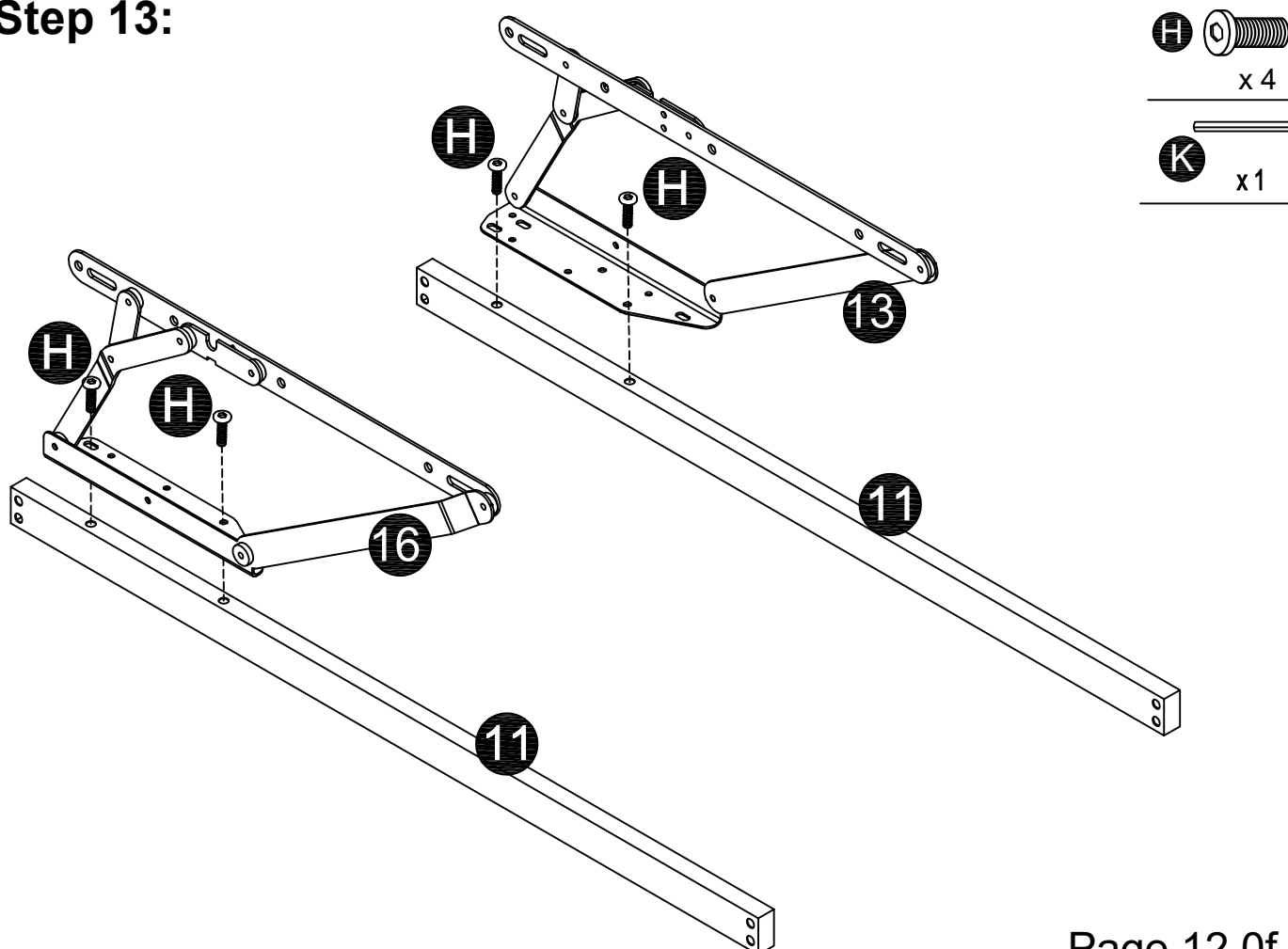
P  x 4

J  x 1

Step 12:



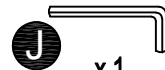
Step 13:



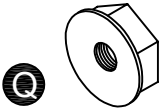
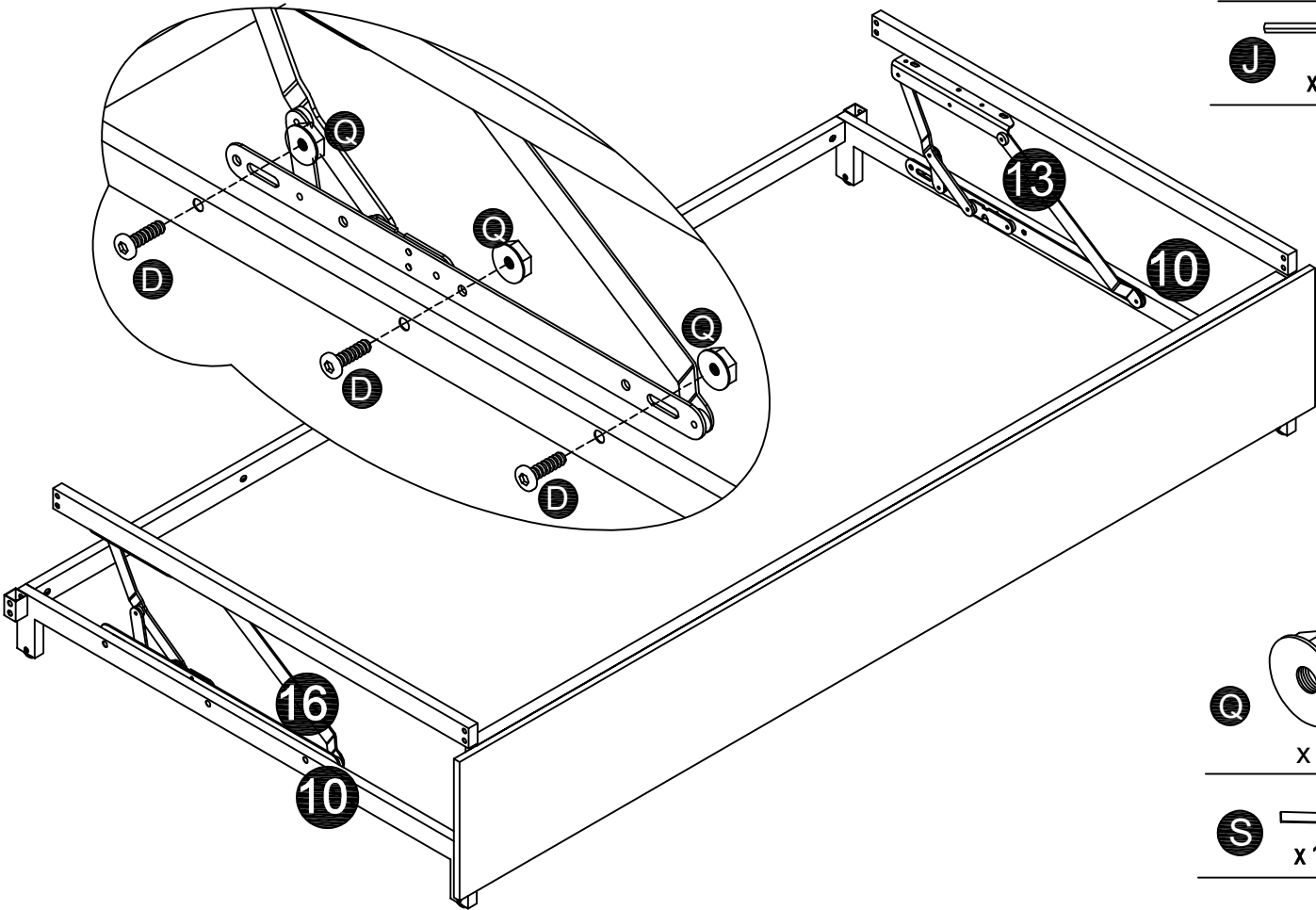
Step 14:



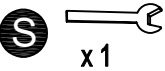
x 6



x 1



x 6

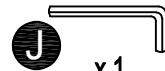


x 1

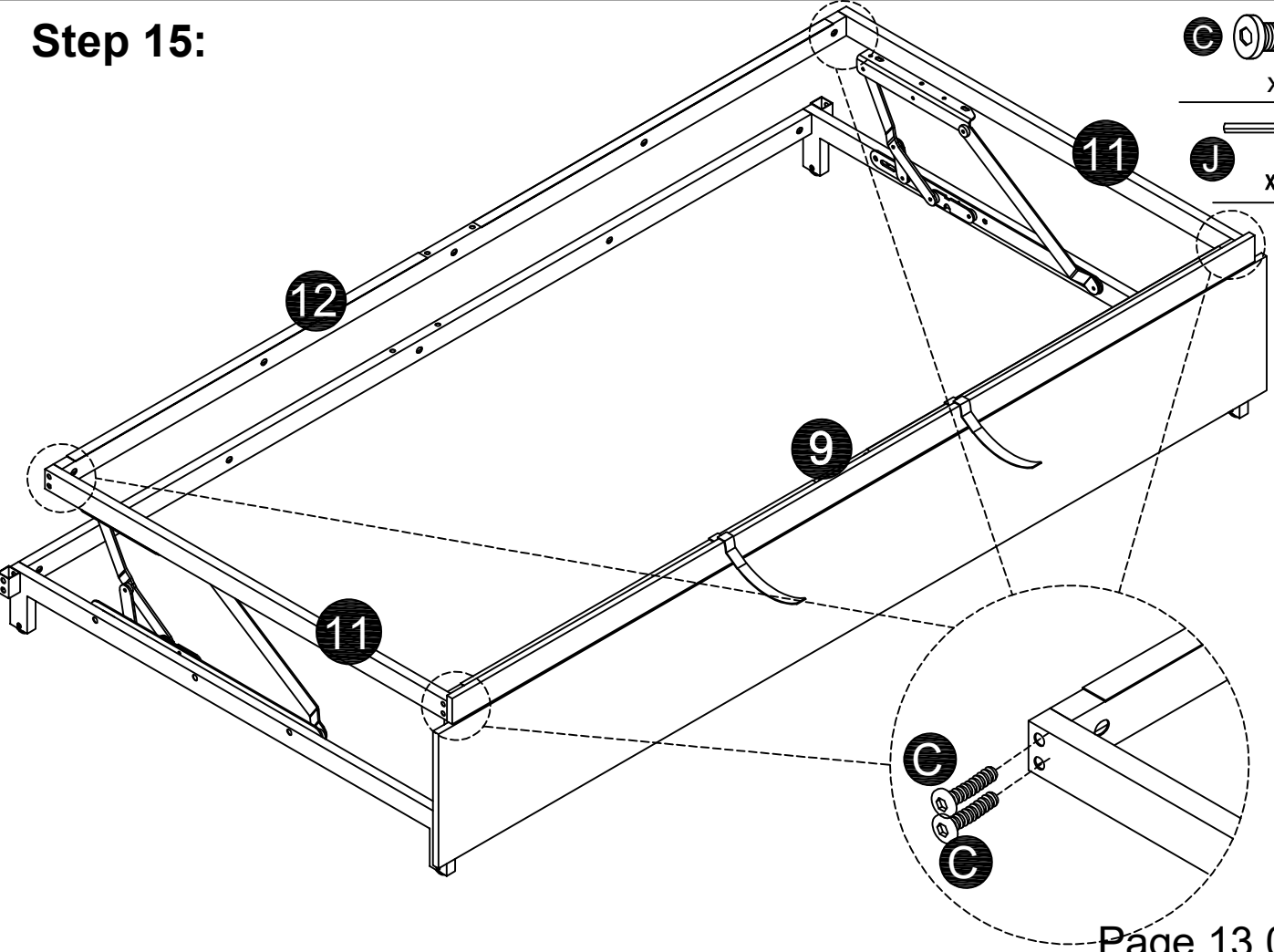
Step 15:



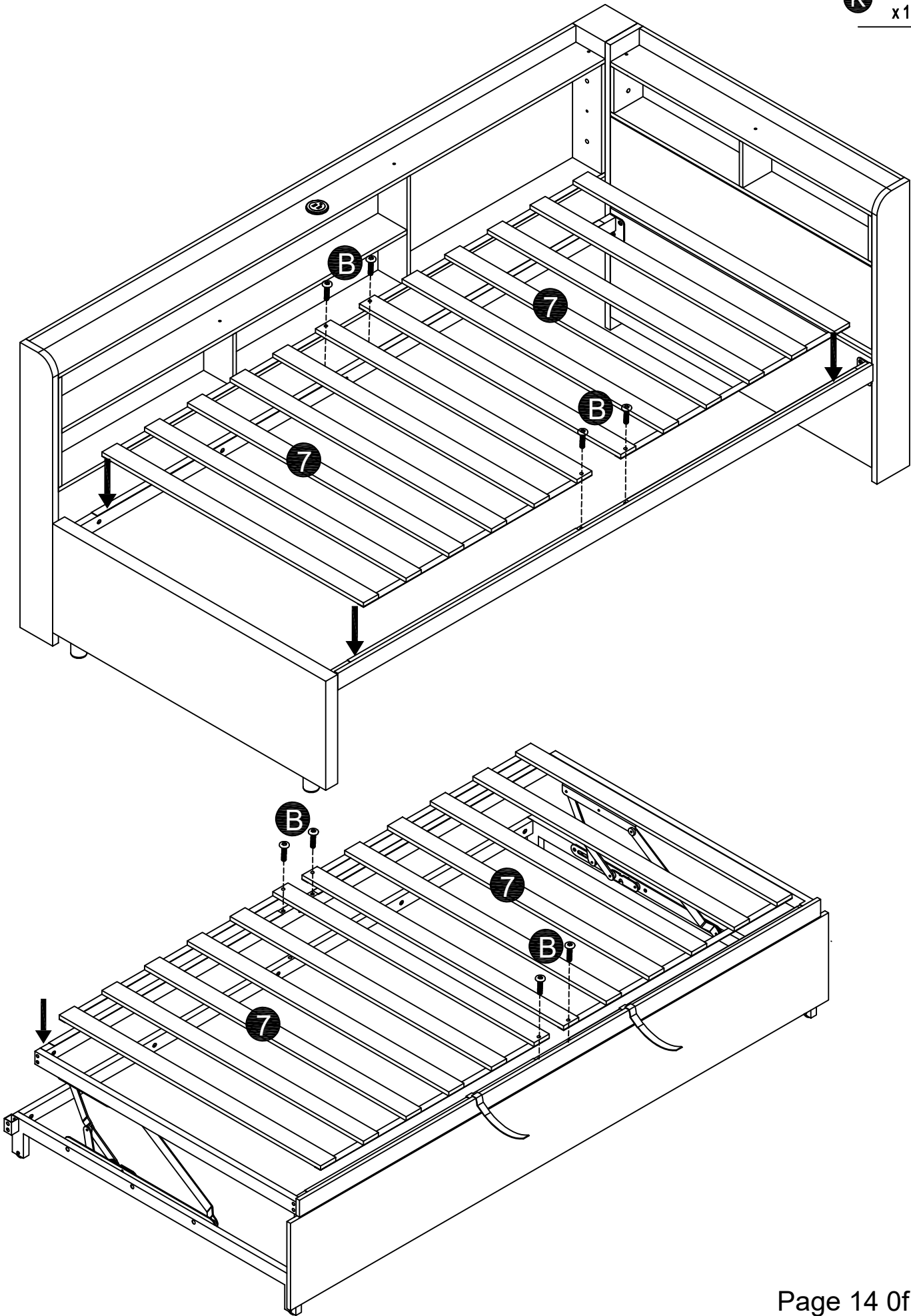
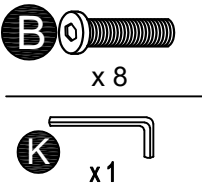
x 8



x 1



Step 16:



Step 17:

- B

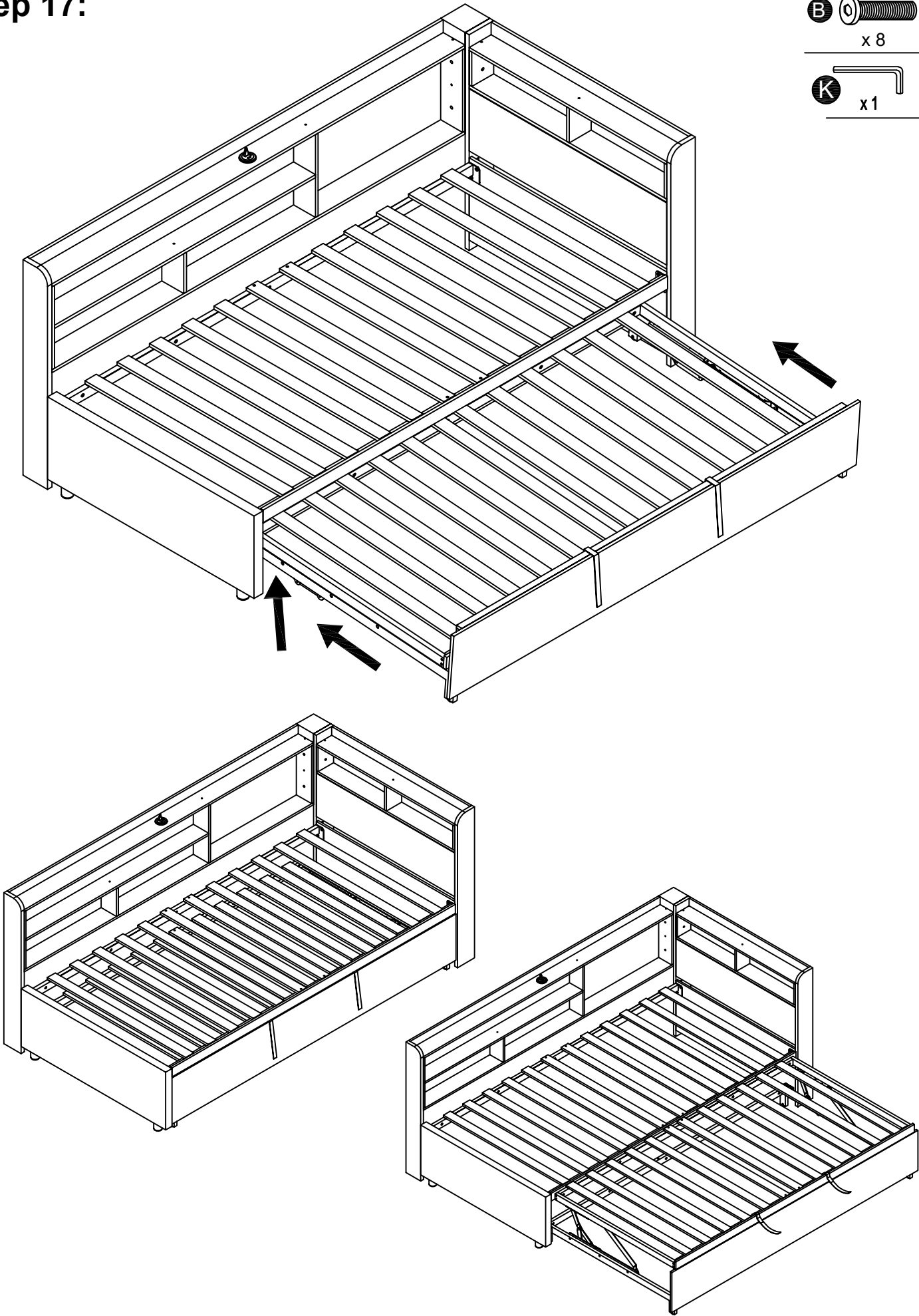
0



x 8
- K

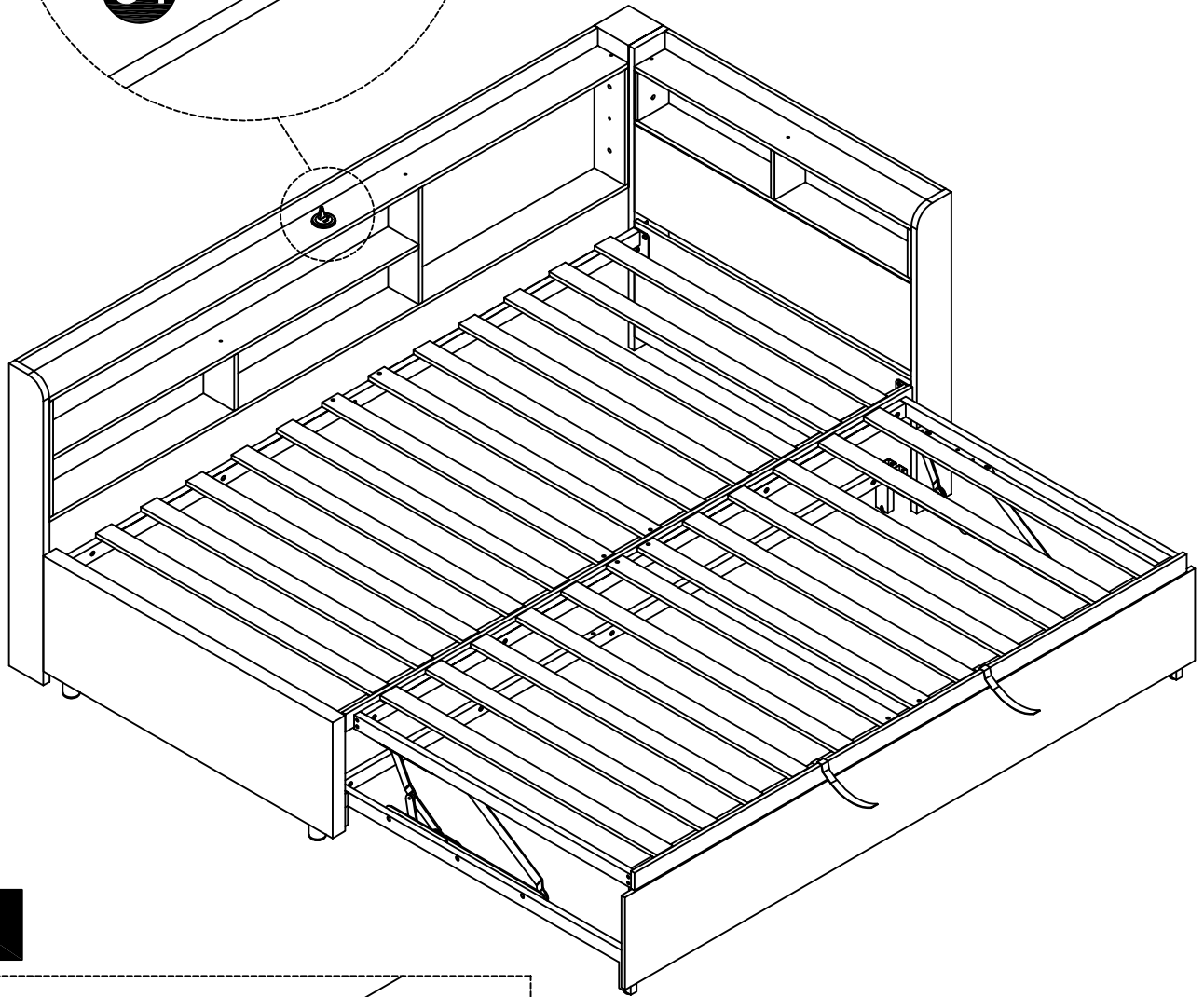
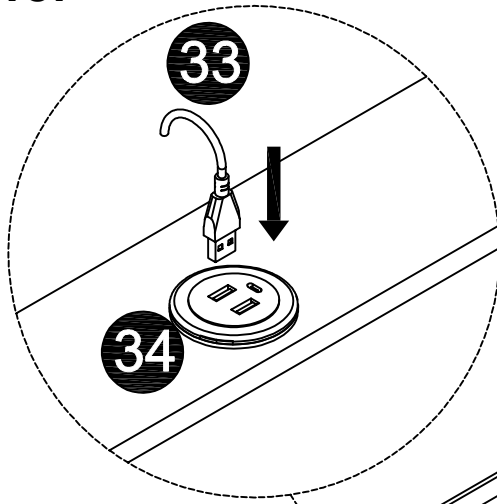


x 1

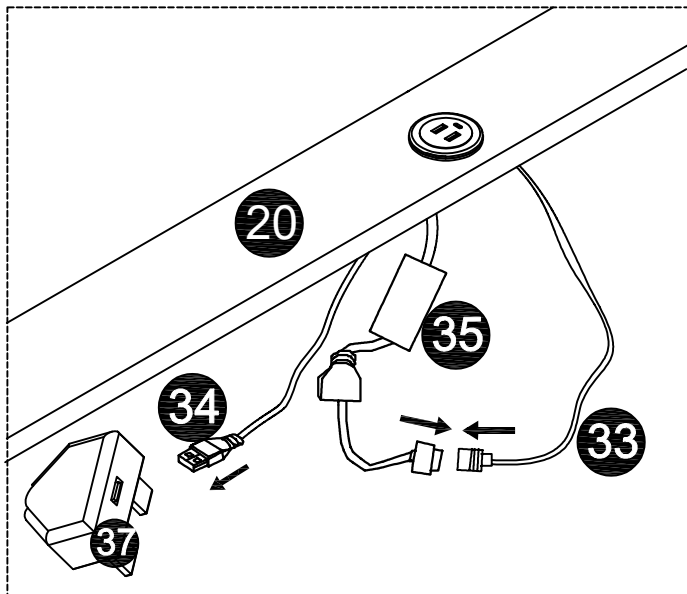


Step 18:

II



I



LotusLantern APP Manual

1. Software Overview

1.1 Overview

LotusLantern is a mobile APP to control LED strip by both IOS and Android phones. The traditional control ways like infrared, 433MHz, 2.4GHz and others old wired ways will be replaced by mobile phone control way with convenient, powerful and scalable features.

Through this mobile APP , you can not only control the color, brightness and color temperature of the LED strips but also set up all kinds of fancy flash mode ; Also this APP can change the light of the LED strip according to the rhythm of the music. This APP can set and control several LED strips through Bluetooth and the operation is very simple, easy to learn and easy to use.

1.2 Features

- Adjust color LED strips with 60,000 colors to change color and brightness and adjust monochrome LED strips to change brightness and color temperature
- Play music or turn on a sound playback device, you can let the light change the color and brightness with the rhythm of music, the music rhythm beautiful
- Inside multiple setting mode for color change and control LED strips without mobile
- Long distance control with omni-directional antenna, and many-to-many group control mode
- Once the connection is successful, connect automatically next time

1.3 Performance

LotusLantern APP is easy for use as well as great compatible with all kinds of smart phones; After the actual test of hundreds of mobile phones verification, the compatibility is above 95% of mobile phones in the market. APP is small and convenient, it consumes less system resources, so the requirements of the mobile configuration are low. Control delay is small, the operation feels good, light control is smooth with people's visual sense.

2. Operating Environment

This APP program requires phones of system above Andriod 4.3 and iOS 8.0. Mobile phone configuration is not limited.

3. Instructions

Note: Android version and iOS version download and use the same method, here in the Android version as an example.

3.1 APP Download

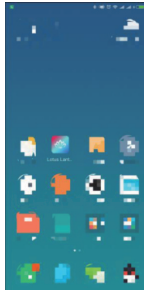
Scan the QR code

iOS and Android systems can download the "LotusLantern" APP by scanning the QR code. Open the browser or other tools with "Scan QR code" function, scan the "LotusLantern" QR code as below:

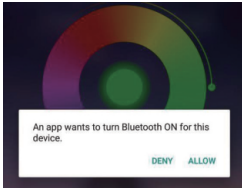


3.2 App Operation

(1) Click on the LotusLantern APP icon, enter the APP page:



(2) After entering the APP interface, if Bluetooth is not enabled, "an application wants to enable the Bluetooth function of this device." Click [Allow]



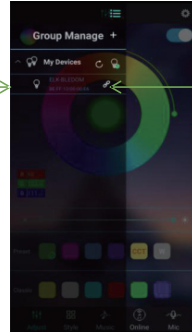
(3) switch to color and brightness interface:



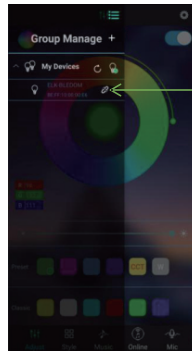
(4) click to show the lamp list, view lamp list:

Bluetooth auto connect
after search for devices

Lamp list

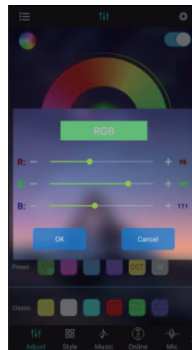


Status of device connection



Status of device connection

(5) Click to RGB manual adjustment view:

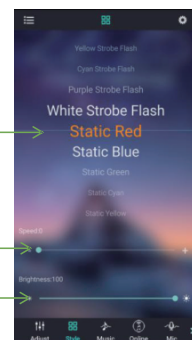


(6) switch to the mode interface:

Scroll the selection mode

Adjust speed

Adjust brightness

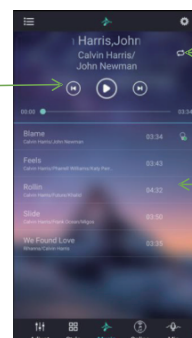


(7) switch to the music rhythm interface:

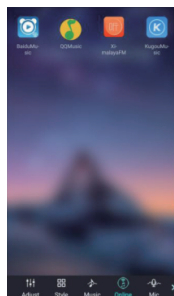
Previous song, Pause/Play,
Next song

Play mode

Music List

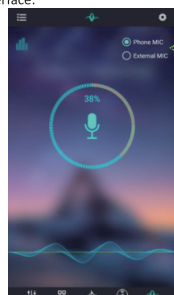


(8) Switch to the online music interface:



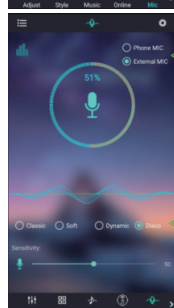
(9) Switch to the microphone rhythm interface:

Music rhythm through cell phone microphone



Switch phone microphone and external microphone

Music rhythm through the microphone on the product



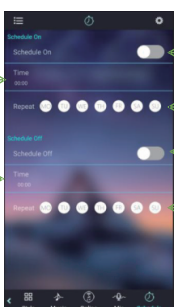
Switch phone microphone and external microphone

4-style rhythm

Change the sensitivity of MIC to match the sound

(10) Switch to the schedule interface:

Set the time of Light-On



Enable or disable the Light-On function

Repeat setting
No selection for once Light-On

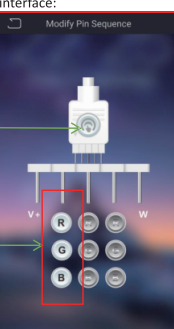
Set the time of Light-Off

Enable or disable the Light-Off function

Repeat setting
No selection for once Light-Off

(11) Switch to the modify pin sequence interface:

Click to save the new assignment



Change the real color of this line

Technical parameters:

Working temperature: -20-60°C (-4 F°-140 F°)

Power supply voltage: DC5-24V

Output: 3 Loops

Static power consumption: <0.5W

Output current: <3A(each circuit)5V <30W 12V <108 24V <21 6W

LED light

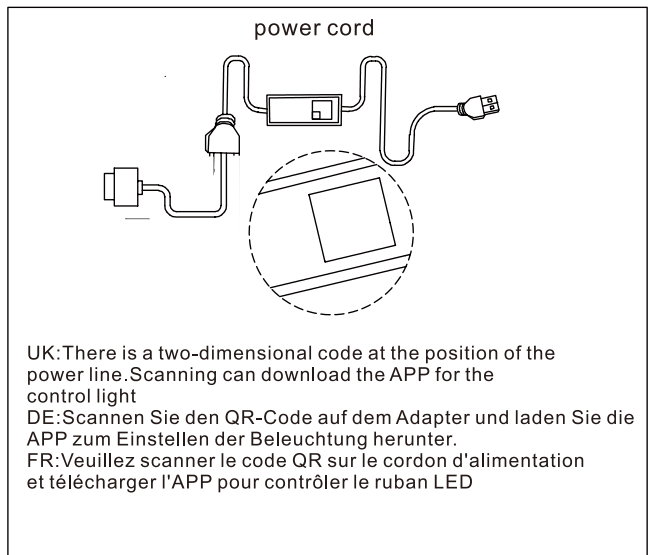
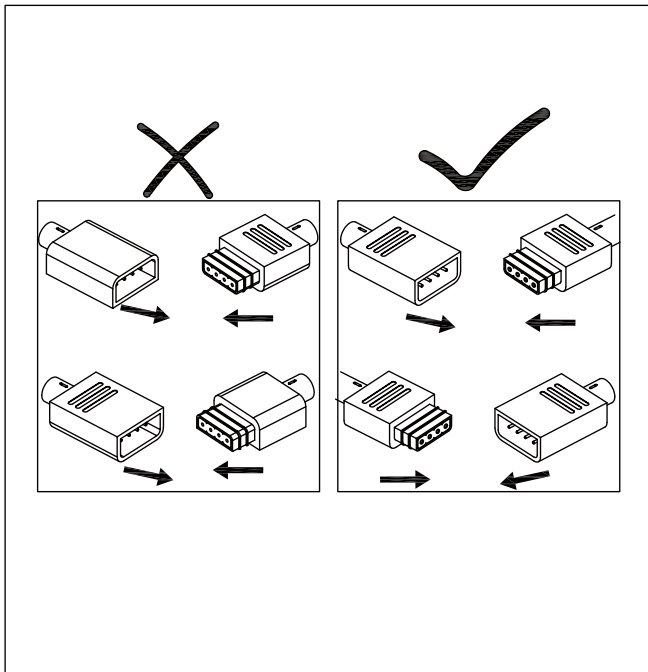
If you can't let the lights work successfully, please check the following:

1. Please check the direction of the connect, try it in the opposite direction, according to the following picture.
2. Please check the remote control, it need you to tear down the plastic septum before use it.
3. If one of the colors is not bright, please check whether the four wires in the plug are skewed, and move the main line to make the four wires flush.

(LED-Licht)

(Wenn Sie die Lampe nicht erfolgreich funktionieren lassen, überprüfen Sie bitte Folgendes:

1. Bitte überprüfen Sie die Verbindungsrichtung und versuchen Sie in der entgegengesetzten Richtung gemäß der Abbildung unten.
2. Bitte überprüfen Sie die Fernbedienung und entfernen Sie die Kunststoffmembran vor Gebrauch.
3. Wenn eine der Farben nicht hell ist, überprüfen Sie bitte, ob die vier Drähte im Stecker schief sind, und bewegen Sie die Hauptleitung, um die vier Drähte bündig zu machen.)



UK: There is a two-dimensional code at the position of the power line. Scanning can download the APP for the control light
DE: Scannen Sie den QR-Code auf dem Adapter und laden Sie die APP zum Einstellen der Beleuchtung herunter.
FR: Veuillez scanner le code QR sur le cordon d'alimentation et télécharger l'APP pour contrôler le ruban LED

1. Please check the direction of the arrow
 2. Please pull the plastic block out of the remote control
 3. Please check whether the four wires of the plug are neat
- (1. Bitte überprüfen Sie die Richtung des Pfeils
2. Ziehen Sie bitte den Kunststoffblock von der Fernbedienung
3. Bitte überprüfen Sie, ob die vier Drähte des Steckers bündig sind)

Operation Instructions of Controller (Betriebsanleitung des Reglers)

I. Specifications: (Spezifikationen)

Working temperature: -20-60 °C
(Arbeitstemperatur: -20-60 °C)

Product size: L62xW35xH23mm
(Produktgröße: L62xW35xH23mm)

Net weight: 42g
(Nettogewicht: 42g)

Output: Three CMOS drain- open output
(Ausgabe: Drei CMOS Drain- Open Ausgang)

Max load current: 2 A each color
(Maximaler Ladestrom: 2 A pro Farbe)

Supply voltage: DC12V
(Versorgungsspannung: DC12V)

Package size: L95xW68xH45mm
(Packungsgröße: L95xW68xH45mm)

Gross weight: 57g
(Bruttogewicht: 57g)

Connecting Mode: Common anode
(Verbindungsmodus: Gemeinsame Anode)

II. Control Method:

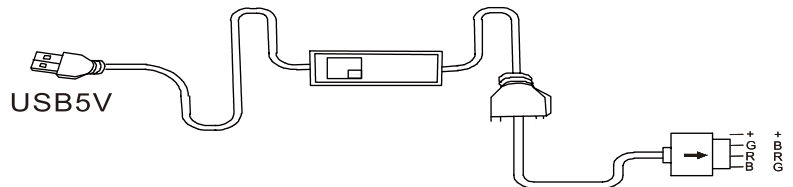
Adopt RF remoter to control the led controller, which has 24 buttons, the function of each button as the table below:

(Kontrollmethode:

Nehmen Sie RF-Fernbedienung an, um den geführten Controller zu steuern, der 24-Tasten hat, die Funktion jeder Taste wie die Tabelle unten:)

Brightness +(Speed up) (Helligkeit +(Beschleunigung))	Brightness - (Speed down) (Helligkeit - (Geschwindigkeit runter))	Off (Aus)	On (Ein)
Static red (Statisches Rot)	Static green (Statisch grün)	Static blue (Statisch blau)	Static white (Statisch weiß)
Static orange (Statisch orange)	Static pea green (Statisches Erbsengrün)	Static dark blue (Statisch dunkelblau)	7 color jumpy change (7 Farbwechsel)
Static dark yellow (Statisch dunkelgelb)	Static cyan (Statisches Cyan)	Static brown (Statisch braun)	All fade out&fade in (All fade out&fade in)
Static yellow (Statisch gelb)	Static light blue (Statisch hellblau)	Static pink (Statisch rosa)	7 color fade change (7 Farbwechsel)
Static straw yellow (Statisches Strohgelb)	Static sky blue (Statisches Himmelblau)	Static purple (Statisches Lila)	3 base color jumpy (3 Grundfarbe nervös)

III. Panel specification and connecting drawing as follows: (Plattenspezifikation und Anschlusszeichnung wie folgt)



IV. Warning:

1. Supply voltage of this product is USB5V never connect to DC24V or AC220V.
2. Never connect two wires directly in case of short circuit.
3. Lead wire should be connected correctly according to colors that connecting diagram offers.
4. Warranty of this product is one year, in this period we guarantee replacement or repairing with no charge, but exclude the artificial situation of damaged or overload working.

(Warnung:

1. Supply Spannung dieses Produkts ist USB5V niemals mit DC24V oder AC220V verbinden.
2. Nie verbinden Sie zwei Drähte direkt im Falle eines Kurzschlusses.
3. Lead Draht sollte entsprechend den Farben richtig angeschlossen werden, die Verbindungsdiagramm anbietet.
4. Warranty dieses Produkts beträgt ein Jahr, in diesem Zeitraum garantieren wir Ersatz oder Reparatur ohne Gebühr, schließen aber die künstliche Situation der beschädigten oder überlasteten Arbeit aus.)

! WARNING

THIS PRODUCT CONTAINS A BUTTON BATTERY

If swallowed, a lithium button battery can cause severe or fatal injuries within 2 hours.

Keep batteries out of reach of children.

If you think batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.

! WARNUNG

Dieses Produkt enthält eine Knopf-Batterie

Beim Verschlucken kann eine Lithium-Knopf-Batterie innerhalb von zwei Stunden schwere oder tödliche Verletzungen verursachen.

Bewahren Sie Batterien außerhalb der Reichweite von Kindern auf.

Wenn Sie glauben, dass Batterien verschluckt oder in einen Teil des Körpers gelegt wurden, suchen Sie sofort einen Arzt auf.

DECLARATION OF CONFORMITY

Certificate No. : RLT2508128-01

Applicant : Xiamen Laidao Optoelectronic Technology Co., Ltd.
2th Floor, No.170 , Industrial Concentration district of Tongan ,Xiamen City,
Fujian Province

Manufacturer : Xiamen Laidao Optoelectronic Technology Co., Ltd.
2th Floor, No.170 , Industrial Concentration district of Tongan ,Xiamen City,
Fujian Province

Product Name : LED strip/USB socket

Trademark : 

Main Test Model : COB0801

Additional Model : YB1708, LS0410, LS0508, LS0612, LS1004, LS1010, LS1018, LS1212,
LS1220, LS1414, ND0016, ND0020, ND0030, ND0039, COB0801,
COB1001, COB1201, COB0501, COB1401, COB0701

Test Standard : EN IEC 55015:2019+A11:2020,
EN 61547:2023

As shown in the Test Report No. : RLT2508128-01

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive. The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



Daniel Wan
Manager
Aug. 15, 2025

Rhenish-Lab Certification & Testing (Shenzhen) Co., Ltd.

101, Building B, Bailu Plaza, No.48, Gonghe Industrial Road, Gonghe, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Shenzhen KOT Testing Technology Co.,Ltd.

7/F, Building 1, Xunyuuan Zhichuanggu Industrial Park, Fengtang

Avenue, Fuhai Street, Baoan District, Shenzhen



Certificate of Compliance

Certificate Number: KOT-2021035986C

Certificate's Holder	: SHEN ZHEN BAIZE ELECTRONIC TECHNOLOGY LIMITED FL3 BLDG A XIXIANG GUSUKANGYUAN INDUSTRIAL ZONE BAOAN DIST SHENZHEN, CHINA
Manufacturer	: SHEN ZHEN BAIZE ELECTRONIC TECHNOLOGY LIMITED FL3 BLDG A XIXIANG GUSUKANGYUAN INDUSTRIAL ZONE BAOAN DIST SHENZHEN, CHINA
Product	: Charger
Trade Mark	: N/A
Model(s)	: BZ-A017-1 BZ-A0XX, BZ-A002, BZ-A003, BZ-A004, BZ-A005, BZ-A006, BZ-A007, BZ-A008, BZ-A009, BZ-A010, BZ-A011, BZ-A012, BZ-A013, BZ-A014, BZ-A015, BZ-A016, BZ-A017, BZ-A017-1, BZ-A018, BZ-A019, BZ-A020, BZ-A0XXX.
Test Standard	: EN 55032:2015+A11:2020, EN 55035:2017+A11:2020 EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 EN 61000-4-2:2009, EN 61000-4-3:2020, EN 61000-4-4:2012, EN 61000-4-5:2014+A1:2017, EN 61000-4-6:2014, EN 61000-4-8:2010, EN 61000-4-11:2020

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of EMC Directive 2014/30/EU. The essential requirements are fulfilled accordingly based on the technical specifications applicable at the time of issuance. See also notes overleaf. It is only valid in connection with the test report number: KOT-2021035986C.



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant Directives to be observed.

Tel: +86-755-2330 7691

Fax: +86-755-2330 7691

E-mail: kot@kot-lab.com

Http://www.kot-lab.com

Importeur	COMHARBOR LIMITED
Adresse	Unit C, Swit Point, Cosford Lane, Rugby, CV21 1PY,GB
Email/URL	harborcomhar@gmail.com
Hersteller	Shenzhen Hongzhengyu Technology Co., LTD
Adresse	Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A
Email/URL	cert@tmc-lab.com
Partienumm	2025/10
Hergestellt in	China
	COMHARBOR LIMITEDUnit C, Swit Point, Cosford Lane, Rugby, CV21 1PY, GBharborcomhar@gmail.com

**UK
CA**



Produkt:**Lamp strip**
Modell:5050RGB
Nennspannung:5V-1A
Nennfrequenz:5V
Leistung:5V

Importeur	COMHARBOR LIMITED
Adresse	Unit C, Swit Point, Cosford Lane, Rugby, CV21 1PY,GB
Email/URL	harborcomhar@gmail.com
Hersteller	SHEN ZHEN BAIZE ELECTRONIC TECHNOLOGY
Adresse	SHEN ZHEN BAIZE ELECTRONIC TECHNOLOGY LIMITEDFL3 BLDG A XIXIANG GUSUKANGYUANINDUSTRIALZONE BAOAN DIST SHENZHEN, CHINA
Email/URL	info@sitcert.com
Partienumm	2025/10
Hergestellt in	China
	COMHARBOR LIMITEDUnit C, Swit Point, Cosford Lane, Rugby, CV21 1PY, GBharborcomhar@gmail.com

CE



Produkt:Charger
Modell:BZ-A014
Nennspannung:AC 100-240V 47/63HZ
Nennfrequenz:5V -2A
Leistung:5V -2A

Importeur	COMHARBOR LIMITED
Adresse	Unit C, Swit Point, Cosford Lane, Rugby, CV21 1PY,GB
Email/URL	harborcomhar@gmail.com
Hersteller	Xiamen Laidao Optoelectronic Technology Co., Ltd.
Adresse	Xiamen Laidao Optoelectronic Technology Co., Ltd. 2th Floor, No.170 , industrial Concentration district of Tongan , Xiamen City.Fujian Province
Email/URL	ZeBt@tmc-lab.com
Partienumm	2025/10
Hergestellt in	China
	COMHARBOR LIMITEDUnit C, Swit Point, Cosford Lane, Rugby, CV21 1PY, GBharborcomhar@gmail.com



Produkt:LED strip/USB socket
Modell:YB1708
Nennspannung:5V -2A
Nennfrequenz:5V -2A
Leistung:5V -2A

Importeur	COMHARBOR LIMITED
Adresse	Unit C, Swit Point, Cosford Lane, Rugby, CV21 1PY,GB
Email/URL	harborcomhar@gmail.com
Hersteller	Dongguan Yihong Hardware electronics Co., LTD
Adresse	Room 901, No. 2, Shangheng Road, Chang'an Town, DongguanCity, Guangdong Province, 523880 China
Email/URL	kikm@ledus.cn
Partienumm	2025/07
Hergestellt in	China
	COMHARBOR LIMITEDUnit C, Swit Point, Cosford Lane, Rugby, CV21 1PY, GBharborcomhar@gmail.com



Produkt:LED controle
Modell: YH-284
Nennspannung:5V
Nennfrequenz: 5V
Leistung:5V

Attestation of Compliance

Declaration No.: MK23110141P01-E01

Name and address of Applicant: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Name and address of Manufacturer: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Product name: **RGB package**

Rated: DC5V

Product model(s): HZY-5050RGB-30D-90R-DC5V, HZY-5050RGB-30D-30R-DC5V, HZY-5050RGB-60D-60R-DC5V, HZY-5050RGB-60D-180R-DC5V, HZY-5050RGB-18D-18R-DC5V

Product trademark: N/A

This Attestation of Compliance confirms that the product meets the requirements of the following standard.

BS EN IEC 55015:2019+A11:2020
IEC 61547:2020
BS EN IEC 61000-3-2:2019
BS EN 61000-3-3:2013/A2:2021

The Attestation of Compliance has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report(s) No.: MK23110141P01-E01

Test conducted by: TMC Testing Services (Shenzhen) Co., Ltd.

Declaration issue date: December 2025 02

Notes:

This Attestation of Compliance is issued according to the Great Britain legislation Electromagnetic Compatibility Regulations 2016(SI 2016 No. 1091). It confirms that the listed products complies with all essential requirements of the Regulations and applies only to the sample and its technical documentation to TMC Testing Services (Shenzhen) Co., Ltd. for testing.

After preparation of the necessary technical documentation (which must be kept for up to 10 years after the product is placed on the GB market) as well as the UK Declaration of Conformity, the required UKCA marking can be affixed on the product. Other relevant Regulations have to be observed.

TMC Testing Services (Shenzhen) Co., Ltd.

t:86-755-86642861 cert@tmc-lab.com www.tmc-lab.com

1st Floor, Block A1, Zone A, Xinshidai Gongrong Industrial Park, No. 2, Shihuan Road, Shiyan Street, Baoan District, Shenzhen, China



UK CA

Verification of Compliance

Verification No.: MK23020083-P01C01

Name and address of Applicant: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Name and address of Manufacturer: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Product name: **Lamp strip**

Product model(s): HZY-2835-120D-12V, HZY-2835-30D-5V, HZY-2835-60D-5V, HZY-2835-120D-5V, HZY-2835-60D-12V, HZY-2835-60D-24V, HZY-2835-120D-24V, HZY-2835RGB-60D-5V, HZY-2835RGB-60D-12V, HZY-5050-30D-5V, HZY-5050-60D-5V, HZY-5050-30D-12V, HZY-5050-60D-12V, HZY-5050-60D-24V, HZY-5050RGB-30D-5V, HZY-5050RGB-60D-5V, HZY-5050RGB-30D-12V, HZY-5050RGB-60D-12V, HZY-5050RGB-60D-24V

Product trademark: N/A

This verification confirms that the product meets the requirements of the following standard.

The conformity was demonstrated based on following standard(s) listed by European Commission as harmonized with Directive RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102 amending Annex II to Directive 2011/65/EU

IEC 62321-1:2013	IEC 62321-3-1:2013
IEC 62321-4:2013/AMD1:2017	IEC 62321-5:2013
IEC 62321-6:2015	IEC 62321-7-1:2015
IEC 62321-7-2:2017	IEC 62321-8:2017

The verification has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report(s) No.: MK23020083-P01C01

Test conducted by: TMC Testing Services (Shenzhen) Co., Ltd.

Verification issue date: February 25, 2023

Notes:

This verification refers to the above mentioned product and its conformity in regards of above mentioned standard(s) was proven on test sample.

This verification does not imply meeting all essential requirements, assessment of the series-production or any other restricted Notified Bodies conformity assessment procedure appropriate for the product.

This verification holder shall use this verification in connection to verification of conformity and technical data relevant for the product the verification was issued.

TMC Testing Services (Shenzhen) Co., Ltd.

t:86-755-86642861 cert@tmc-lab.com www.tmc-lab.com

1st Floor, Block A1, Zone A, Xinshidai Gongrong Industrial Park, No. 2, Shihuan Road, Shiyuan Street, Baoan District, Shenzhen, China



Verification of Compliance

Verification No.: MK23020083-P01E01

Name and address of Applicant: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Name and address of Manufacturer: **Shenzhen Hongzhengyu Technology Co., LTD**
Shenzhen baoan district rock street industrial science and technology industrial park of 2 Haitian lanyu 3 5 floor of A

Product name: **Lamp strip**

Rated: 5V --- 1A
HZY-2835-120D-12V, HZY-2835-30D-5V, HZY-2835-60D-5V, HZY-2835-120D-5V, HZY-2835-60D-12V, HZY-2835-60D-24V, HZY-2835-120D-24V, HZY-2835RGB-60D-5V, HZY-2835RGB-60D-12V, HZY-5050-30D-5V, HZY-5050-60D-5V, HZY-5050-30D-12V, HZY-5050-60D-12V, HZY-5050-60D-24V, HZY-5050RGB-30D-5V, HZY-5050RGB-60D-5V, HZY-5050RGB-30D-12V, HZY-5050RGB-60D-12V, HZY-5050RGB-60D-24V

Product model(s):

Product trademark: N/A

This verification confirms that the product meets the requirements of the following standard.
The conformity was demonstrated based on following standard(s) listed by European Commission as harmonized with EMC Directive 2014/30/EU.

EN IEC 55015:2019+A11:2020
IEC 61547:2020

The verification has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report(s) No.: MK23020083-P01E01
Test conducted by: TMC Testing Services (Shenzhen) Co., Ltd.
Verification issue date: February 25, 2023

Notes:

This verification refers to the above mentioned product and its conformity in regards of above mentioned standard(s) was proven on test sample.

This verification does not imply meeting all essential requirements, assessment of the series-production or any other restricted Notified Bodies conformity assessment procedure appropriate for the product.

This verification holder shall use this verification in connection to verification of conformity and technical data relevant for the product the verification was issued.

TMC Testing Services (Shenzhen) Co., Ltd.

t:86-755-86642861 cert@tmc-lab.com www.tmc-lab.com

1st Floor, Block A1, Zone A, Xinshidai Gongrong Industrial Park, No. 2, Shihuan Road, Shiyuan Street, Baoan District, Shenzhen, China



EU Type Examination Certificate
for
Radio Equipment Directive
Certificate No.: 3042 – RED – P25SZ11184



Page 1 of 3

In compliance with the Radio Equipment Directive 2014/53/EU (as amended), this certificate applies to the product(s):

Name of Product : 2.4G Remote Controller
Model / Type Designation : YH-629, YH-6181, YH-6183, YH-358
Tradename / Trademark : Not Applicable
Manufacturer : Dongguan Yihong Hardware electronics Co., LTD
Address : Room 1106, NO.2 Shangheng Road, Chang'an Town Dongguan, Guangdong, 523880 China

This certificate attests that all provisions concerning the assessment and verification of performance are described below:

- Article 3.1 (a) : Protection of Health and Safety
- Article 3.1 (b) : Electromagnetic Compatibility
- Article 3.2 : Effective and Efficient Use of Radio Spectrum

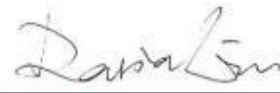
as per Annex III (Module B) for the performance set out in this certificate, are applied.

This Certificate has TWO appendices.

CT Project No.: P25SZ11184

For and on behalf of Compliance Testing, LLC
(Notified Body No.: 3042)

Authorized Signatory


(Daria Liu)

Valid From: 09-12-2025
(dd-mm-yyyy)

Expiry Date: 09-12-2030
(dd-mm-yyyy)

This certificate and its appendix may only be reproduced in its entirety and without change.

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Compliance Testing, LLC. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Compliance Testing, LLC for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide.

EU Type Examination Certificate
for
Radio Equipment Directive
Certificate No.: 3042 – RED – P25SZ11184



Page 2 of 3

APPENDIX I – PRODUCT SPECIFICATIONS

PRODUCT INFORMATION

General Description	:	The YH-629 is a 2.4G Remote Controller utilizing 2.4GHz SRD technology. The YH-629, YH-6181, YH-6183, YH-358 are electrical identical, but the appearance shape and case panel are slightly different, and they will be paired with different receivers.
Electrical Ratings	:	DC 3V
Supply Connection	:	Powered by internal battery
Product Group	:	☒ End product ☐ Built-in component
Hardware version	:	BT2414-V1.0
Firmware version	:	Not Applicable
Software version	:	YH-L65-3.0

TECHNICAL FEATURES AND CHARACTERISTICS

Intended use / Category	:	2.4GHz SRD
Frequency / Frequency Range	:	2402 – 2480 MHz
Type of Modulation	:	GFSK
RF Output Power	:	-8.83 dBm (☒ EIRP ☐ ERP ☐ Conducted)
Antenna Type	:	PCB Antenna, 0 dBi

ADDITIONAL INFORMATION

The manufacturer is responsible for additional assessment to all other applicable articles.

--- End of Appendix I ---

EU Type Examination Certificate
for
Radio Equipment Directive
Certificate No.: 3042 – RED – P25SZ11184



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APPENDIX II – SCHEDULE OF APPROVAL

ADDRESSED STANDARDS

- | | | |
|-------------------|---|-------------------------------|
| • Article 3.1 (a) | : | EN IEC 62368-1:2020+A11:2020 |
| • Article 3.1 (a) | : | EN 62479:2010 |
| • Article 3.1 (b) | : | EN 301 489-1 V2.2.3 (2019-11) |
| | | EN 301 489-3 V2.3.2 (2023-01) |
| | | EN 55032:2015+A1:2020 |
| | | EN 55035:2017+A11:2020 |
| • Article 3.2 | : | EN 300 440 V2.2.1 (2018-07) |

APPLICATIONS / LIMITATIONS

None.

MARKING OF PRODUCT

The manufacturer name and type designation shall be applied to the product in a visible location.

The product shall carry the **CE** mark when placing on the market of the member states of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test Report(s)

Type of Report	Issued By	Report No.	Issue Date
Safety	Precise Testing & Certification (Guangdong) Co., Ltd.	PTC25082917901S-LD01	2025-09-23
Health	Precise Testing & Certification (Guangdong) Co., Ltd.	PTC25082917901E-EM03	Sep. 23, 2025
EMC	Precise Testing & Certification (Guangdong) Co., Ltd.	PTC25082917901E-EM02	Sep. 23, 2025
		PTC25111821001E-EM01	Nov. 26, 2025
Radio	Precise Testing & Certification (Guangdong) Co., Ltd.	PTC25082917901E-EM01	Sep. 23, 2025

Additional Documentation

External Photos, Internal Photos, User Manual, Label, Antenna Specifications, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List, Full DoC, Risk Assessment.

ADDITIONAL INFORMATION

None.

--- End of Appendix II ---



精准检测
PRECISE TESTING

CERTIFICATE OF CONFORMITY

No.: PTC25102309602C-EN01V01

Applicant : Dongguan Yihong Hardware electronics Co., LTD
Address : Room 901, No. 2, Shangheng Road, Chang'an Town, Dongguan City, Guangdong Province, 523880 China
Manufacturer : Dongguan Yihong Hardware electronics Co., LTD
Address : Room 901, No. 2, Shangheng Road, Chang'an Town, Dongguan City, Guangdong Province, 523880 China
Product Name : LED Controller
Model No. : YH-289,YH-980 ,YH-918 ,YH-917 ,YH-818,YH-816,YH-6181,YH-358

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

RoHS Directive 2011/65/EU & EU No.2015/863

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
IEC 62321-1:2013, IEC 62321-2:2021 IEC 62321-3-1:2013, IEC 62321-3-2:2020 IEC62321-4: 2013+AMD1:2017 IEC 62321-5:2013 IEC 62321-6:2015, IEC 62321-7-1: 2015 IEC 62321-7-2: 2017, IEC 62321-8:2017	PTC25102309602C-EN01V01

This certificate is part of the full test report(s) and should be read in conjunction with it. This certificate is based on an evaluation of one sample of above mentioned product. It does not imply assessment of the production of the product. Without the written approval of Precise Testing & Certification (Guangdong) Co., Ltd., this certificate is not permitted to be reproduced, except in full. It is not permitted to use the test lab's logo.

RoHS



Jacky Ou

Jacky Ou
Manager

Date: Dec. 04, 2025

Precise Testing & Certification (Guangdong) Co., Ltd.
Building 1, No.6, Tongxin Road, Dongcheng Street,
Dongguan, Guangdong, China
Tel: 86 769 38808222 Web: www.ptc-testing.com
Mail: inquiry@ptc-testing.com



Shenzhen ZKT Technology Co., Ltd.

1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China



Certificate of Compliance

Certificate Number: ZKT-25070215182C

Certificate's Holder : Dongguan Yihong Hardware Electronics Co., Ltd
Room 1106, No.2, Shangheng Road, Chang' an Town,
Dongguan

Manufacturer : Dongguan Yihong Hardware Electronics Co., Ltd
Room 1106, No.2, Shangheng Road, Chang' an Town,
Dongguan

Trade Mark : N/A

Product : LED controller

Model(s) : YH-6183
YH-252, YH-284, YH-290, YH-287, YH-358, YH-360, YH-6180,
YH-6184

Requirement	Standard	Report No.
Art.3.1(a) Safety	EN IEC 62368-1:2024+A11:2024	ZKT-25070215183S
Art.3.1(a) Health	EN IEC 62311:2020 EN 50665:2017	ZKT-25070215182E-1
Art.3.1(b) EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.3.0 (2024-07)	ZKT-25070215182E-2
Art.3.2 Radio	ETSI EN 300 328 V2.2.2 (2019-07)	ZKT-25070215182E-3

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of Radio Equipment Directive (RED) 2014/53/EU. The essential requirement are fulfilled accordingly based on the technical specifications applicable at the time of issuance.



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant Directives to be observed.

EU DECLARATION OF CONFORMITY

1. Product model/product (product, type, batch or serial number):

MODEL: YB1708, IN PUT: USB 5V 2A, OUT PUT: USB :5V 2A

2. Name and address of the manufacturer or his authorised representative:

Company Name: **Xiamen Laidao Optoelectronic Technology Co., Ltd.**

Company Address: **2th Floor, No.170 , Industrial Concentration district of
Tongan ,Xiamen City, Fujian Province**

3.This declaration of conformity is issued under the sole responsibility of the manufacturer.

4.Object of the declaration (identification of electrical equipment allowing traceability, it may include a colour image of sufficient clarity where necessary for the identification of the electrical equipment):

5.The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:CE;LVD\ROHS

7.Additional information:

Signed for and on behalf of:

JACK

(place and date of issue):

2025/12/10

(name, function) (signature):



EU DECLARATION OF CONFORMITY

1. Product model/product (product, type, batch or serial number):

MODEL: BZA014, IN PUT: 5V, OUT PUT: 5V

2. Name and address of the manufacturer or his authorised representative:

Company Name: SHENZHEN BIZOE ELECTRONIC TECHNOLOGY CO., LTD

Company Address: Room 203, Building A, Weicheng Intelligent Industrial Park, No. 533. Gushu First Road, Guxing Community, Xixiang Street, Bao'an District Shenzhen

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration (identification of electrical equipment allowing traceability, it may include a colour image of sufficient clarity where necessary for the identification of the electrical equipment):

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: CE; LVD; RoHS

7. Additional information:

Signed for and on behalf of:

BICK

(place and date of issue):

2025/12/10

(name, function) (signature):