



Handrail

USER MANUAL

SM-3461 & SM-3462



Please keep the instruction manual at hand all the time for future reference.

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Explanation of Graphic Symbols on Label/Packaging

	Caution. Failure to follow instructions may result in adverse events		Separate collection for waste of electrical and electronic equipment, in accordance with Directive 2002/96/EC
	Name and address of device manufacturer		Device's model number
	Carefully read user manual before installation and usage, and follow instructions for use.		Device's serial number
	Device claims conformity with essential regulations set by the relevant European Union legislation		Device's Unique Device Identifier (01) GTIN (11) Production date (21) Serial number

Copyright Notice

Charder Electronic Co., Ltd.

No.103, Guozhong Rd., Dali Dist., Taichung City 41262 Taiwan

Tel: +886-4-2406 3766

Fax: +886-4-2406 5612

Website: www.chardermedical.com E-mail: info_cec@charder.com.tw

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Charder Electronic Co., Ltd.
No. 103, Guozhong Rd., Dali Dist.,
Taichung City, 41262 Taiwan

Safety Notes

A. General Information

Thank you for choosing this Charder Medical accessory. It is designed to be easy and straightforward to install and use, but if you encounter any problems not addressed in this manual, please contact your local Charder service partner.

Before installation and usage, please read this user manual carefully, and keep it in a safe place for reference. It contains important instructions regarding installation, proper usage, and maintenance.

Intended Use

This accessory is intended to assist patients in standing.

General Handling

- Accessory should be installed on compatible Charder devices only.
- Ensure all parts are properly locked and tightened before use.

Safety Instructions

- Expected service life: 5 years.

Cleaning

- Device surface should be cleaned using alcohol-based wipes. Corrosive cleansing liquids should not be used. Pressure-washers should not be used.

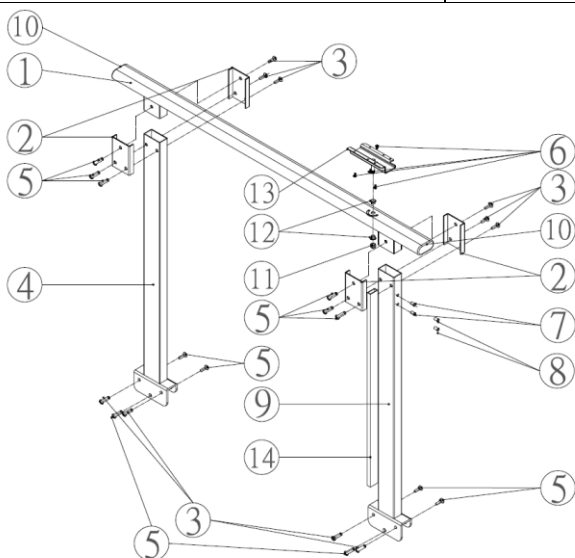
Warranty/Liability

- The period of warranty shall be eighteen (18) months, beginning on the date of purchase. Please retain your receipt as proof of purchase.
- No responsibility shall be accepted for damage caused through any of the following reasons: unsuitable or improper storage or use, incorrect installation or commissioning by the owner or third parties, natural wear and tear, changes or modifications, incorrect or negligent handling.
- All maintenance, technical inspections, and repairs should be conducted by an authorized Charder service partner, using original Charder accessories and spare parts. Charder is not liable for any damages arising from improper maintenance or usage.

Parts List

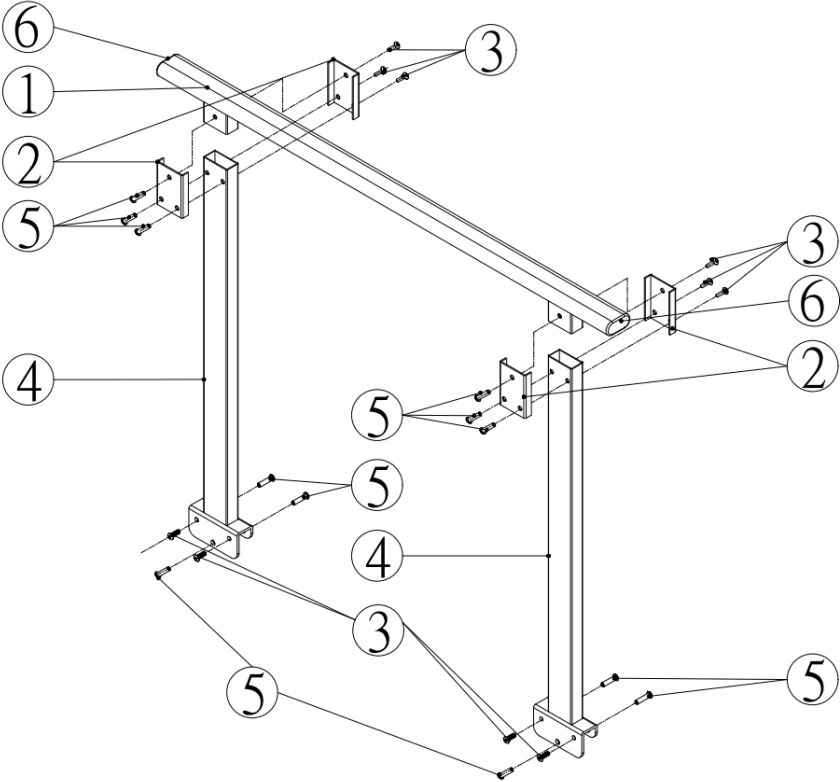
A. SM-3461(R)

NO.	Item	Drawing	Qty.
1.	Handrail bar	SS-6753	1
2.	Fixing plate	SS-6761	4
3.	Socket button head cap screw	M6-21 	10
4.	Pole	AM-8173	1
5.	Socket button head cap screw nut	ø8-M6*33 	12
6.	Screw for display set	M4*8 	4
7.	Screw nut for printer bracket (already installed)	M5-0.8-JB	2
8.	Plastic screw (already installed)	M5-0.8*8	2
9.	Pole with wiring duct	AM-2271	1
10.	Rubber end cap	ST-3071	2
11.	Locking nut	M8*1.25*8 	1
12.	Bearing	SF-1F-08075 	2
13.	Bracket	SS-8303	1
14.	Wiring duct	TC-2WE 100cm	1
	Socket key		2



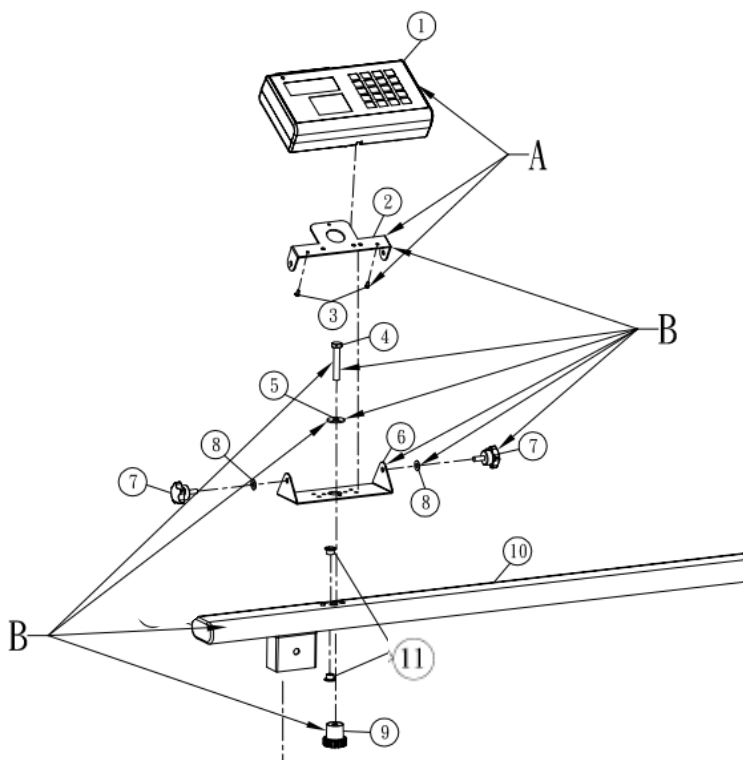
B. SM-3462(L)

NO.	Item	Drawing	Qty.
1.	Handrail bar	SS-8300B	1
2.	Fixing plate	SS-8311	4
3.	Socket button head cap screw	M6-21 	10
4.	Pole	AM-2681 with AM-2691	1
5.	Socket button head cap screw nut	ø8-M6*33 	12
6.	Rubber plug	SW-8068	2
7.	Socket key	M5 	2



C. Swivel bracket set

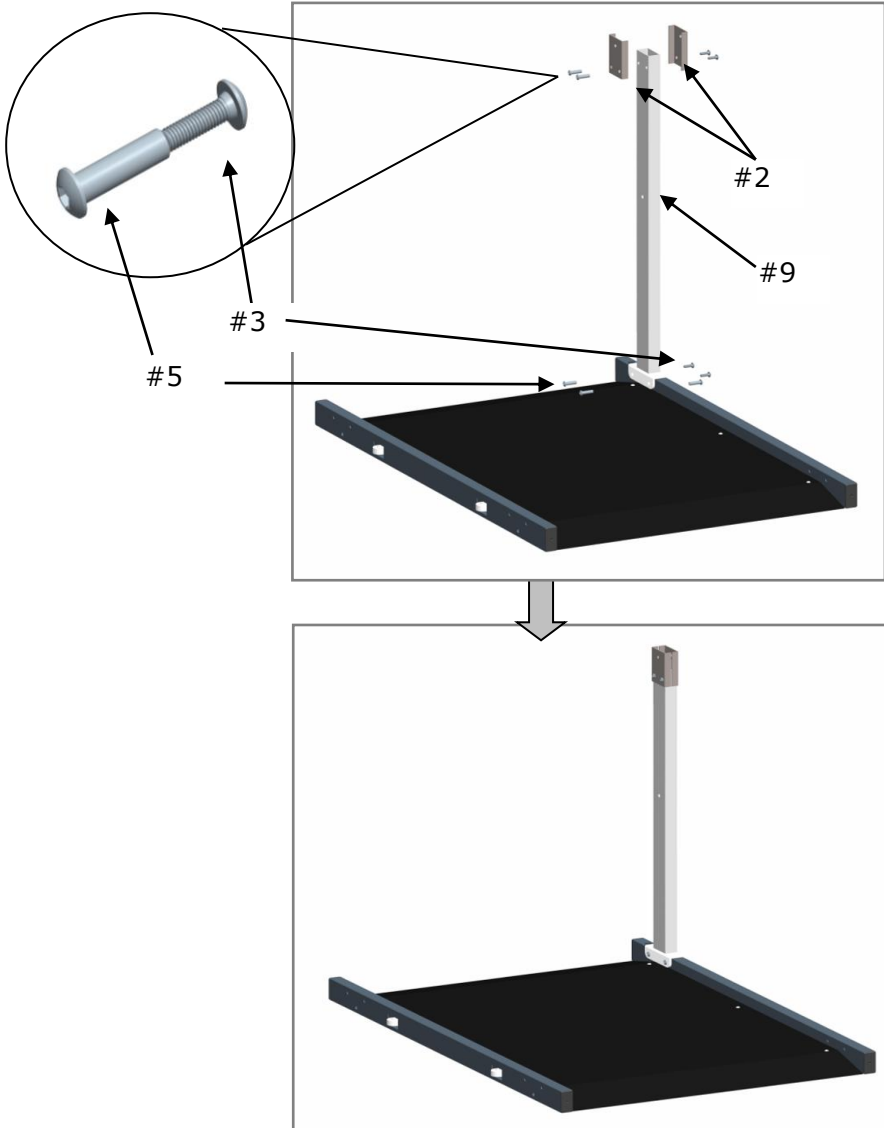
NO.	Item	Drawing	Qty.
1.	Indicator DP3710		1
2.	Fixed bracket (top)	SS-4961	1
3.	Round head tapping screw	M3*8L	2
4.	Hex head bolt	M8*1.25*45L	1
5.	Washer	M8 Φ 22*T:2mm	1
6.	Fixed bracket (bottom)	CD-AM-00081	1
7.	Adjust bottom	MP00600331 M6*15m	2
8.	Washer	M6 Φ 22*T:1mm	2
9.	Knob screw	K300-21-M8	1
10.	Handrail	SS-6753	1
11.	Self lubricating bearing	SF-1F-08075	2



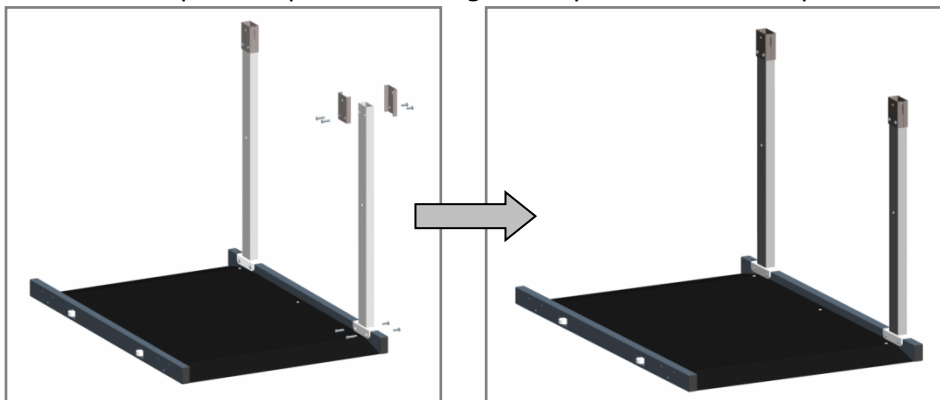
Assembly

A. Handrail assembly

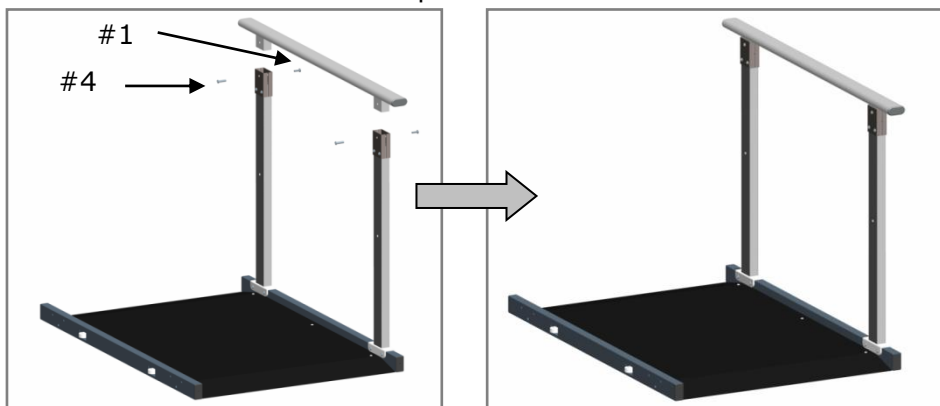
1. Attach Fixing plate (#2) on Pole with wiring duct (#9) using Socket screw (#3) and Screw nut (#5). Attach Pole with wiring duct (#9) on platform using Socket screw (#3) and Screw nut (#5).



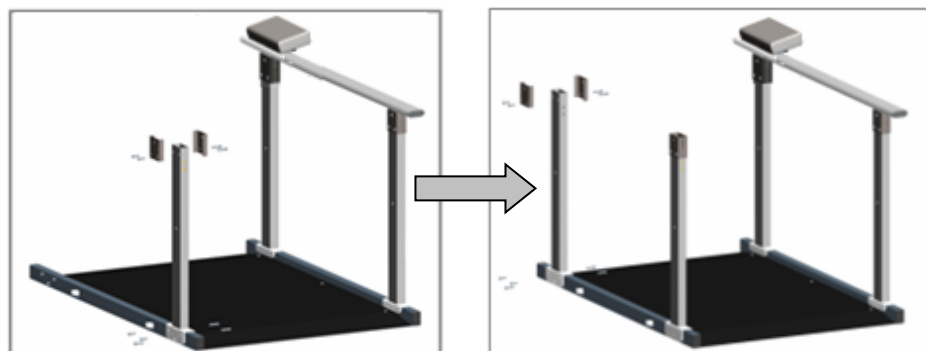
2. Assemble pole on platform using same procedure as Step 1.



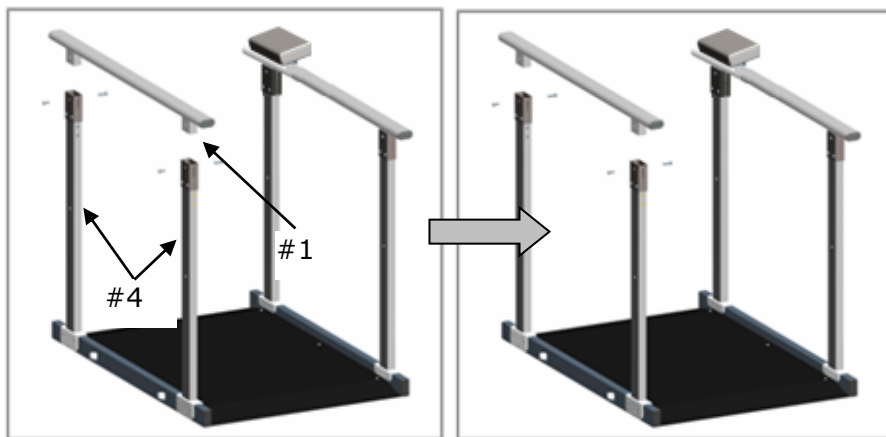
3. Assemble handrail bar with poles.



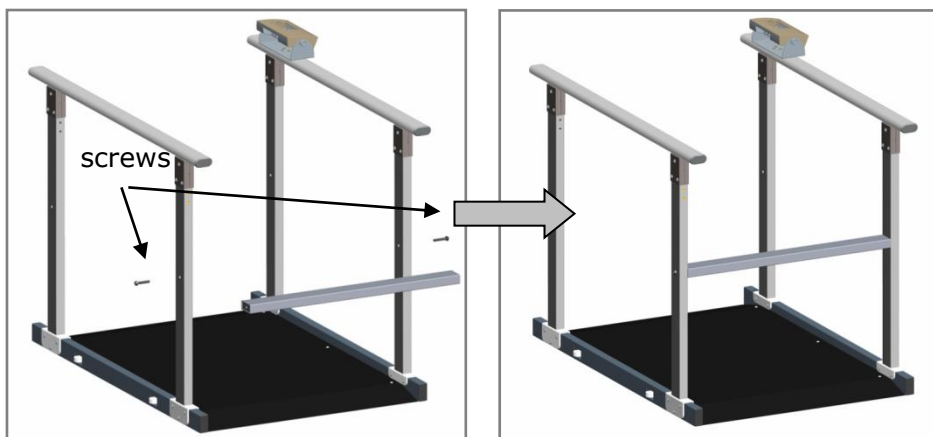
4. Assemble third pole and fourth pole on platform.



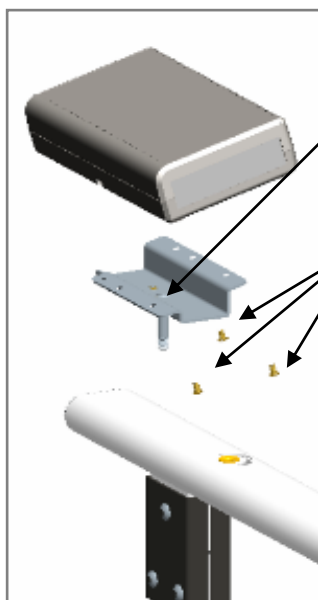
5. Assemble handrail bar



6. Assemble cross bar(SS-8444) with two screws (M8-1.25P*45)



B. Display assembly

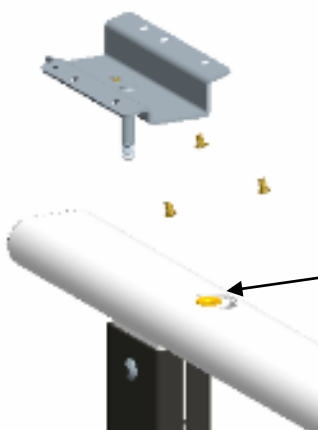


Step 1.
Place a M4*8 screw in the center of bracket

Step 2.
Fix display on the bracket with other 3pcs M4*8 screws



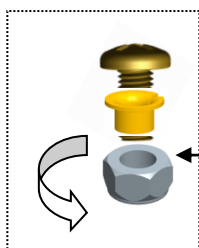
M4*8
screw



Step 3.
Place bearing in the handrail.



bearing

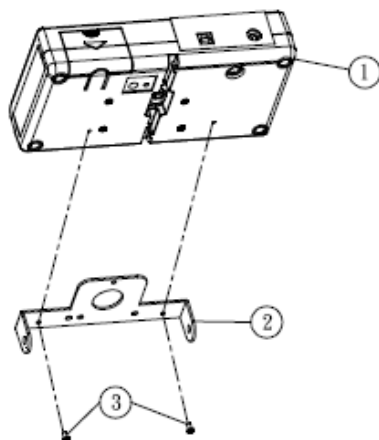


Step 4.
Tighten the nut with M4*8 screws
The display now can be swivel freely.

C. Swivel bracket assembly

Step 1.

Fix No.2 top fixed bracket on display with No.3 (round head tapping screw).

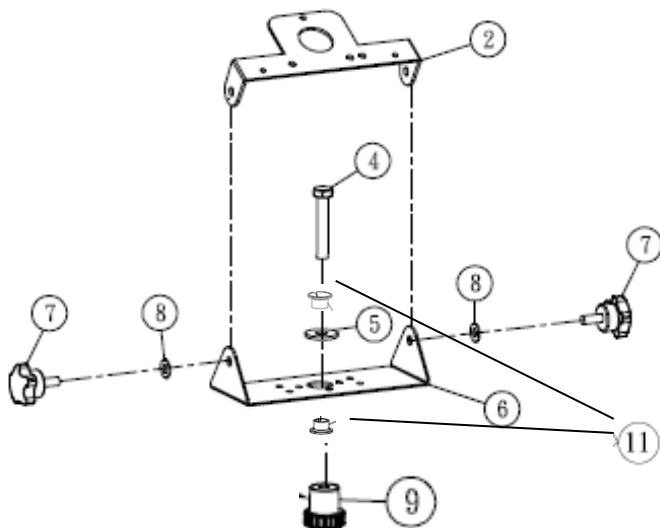


Step 2.

Install No.6 bottom bracket on handrail (SM-3461) with No.4 hex head bolt and no. 11 bearing

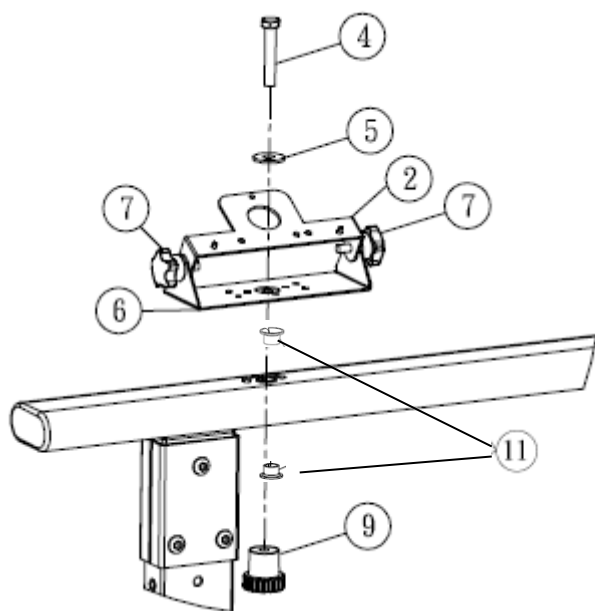
Fixed No.9 knob screw on the down side of handrail.

Note: Washer (M8) No.5 has been fixed on bottom bracket.



Step 3.

Install top bracket (No.2) and bottom bracket (No.6) with No.7 adjust bottom



Product Specifications

Model	SM-3461 (R)		SM-3462 (L)	
	with display bracket		without display bracket	
Dimension	800mm x 1150mm			
Material	Steel			
Accessories	SM-3461 (R)		SM-3462 (L)	
AM-8173	1		2	
AM-8173A with wiring duct	1			
SS-8311	4		4	
Socket button head screw	10		10	
Screw nut	12		12	
SS-8300B	1			
SS-8300A			1	
SS-8303 bracket	1			
M4*8 screw for display bracket	4			
Bearing for bracket	2			
Locking nut for bracket	1			
Socket key	2		2	
Optional Accessory	Cross bar set SS-8444 			

Notes

Declaration of Conformity

Manufacturer hereby declares that this product is in conformity with the regulations and standards outlined in the following directives:



RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Manufactured by:



Charder Electronic Co., Ltd.
No.103, Guozhong Rd., Dali Dist.,
Taichung City 41262 ,Taiwan

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