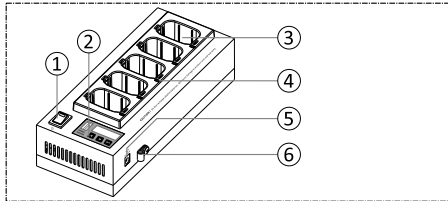
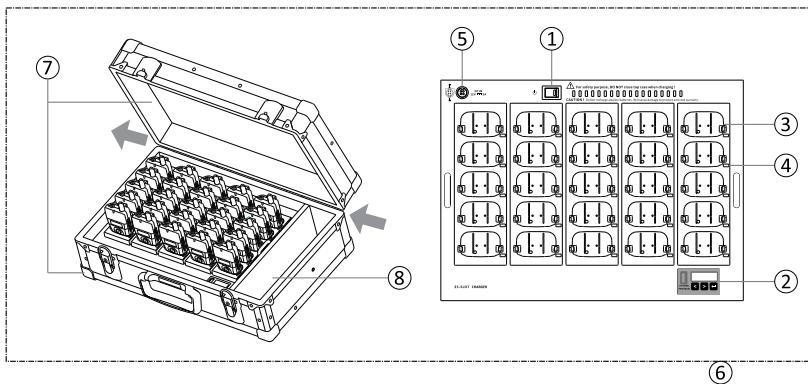


■ Illustration

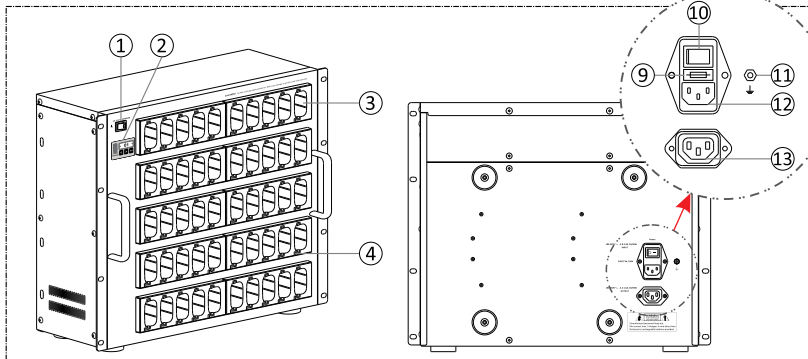
◆ 5-slot Data Charger



◆ 25-slot Data Charger



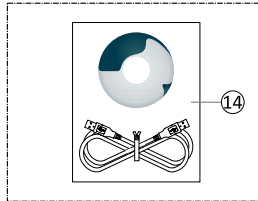
◆ 50-slot Data Charger



- ① Power switch with red LED
- ② Control panel
- ③ Fool-proof charging slot
- ④ Charging LED
- ⑤ Power input jack
- ⑥ Tie-up
- ⑦ Detachable suitcase
 - Follow indicated arrows to detach the top case
- ⑧ Accessory storage
- ⑨ Fuse (AC 250 V, 3 A)
- ⑩ AC power switch
- ⑪ Grounding
- ⑫ Power input jack (AC 100 ~ 240 V, 50/60 Hz)
- ⑬ Power output jack (max. 4 chargers to be connected for daisy-chain)
- ⑭ Proprietary software pack **OK-OTG-SW** (programming cable incl.)

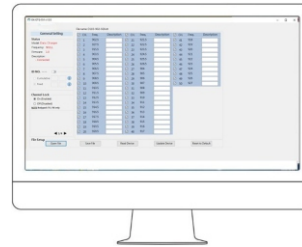
◆ Proprietary software pack

OK-OTG-SW

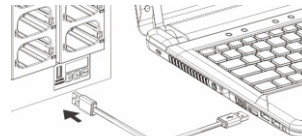


■ Programming before operation

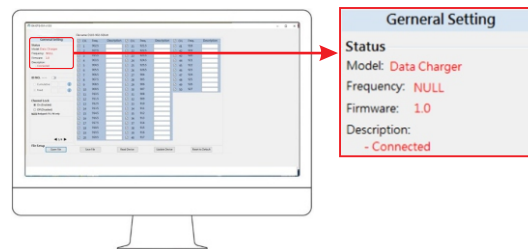
- ◆ Install proprietary software **OK-OTG-SW** (see instruction manual in software pack additionally) on your PC and open it.



- ◆ Connect the charger with your PC via supplied programming cable.



- ◆ Proprietary software **OK-OTG-SW** shows the status of connected charger. Now, you are ready to program it.



■ Operation

◆ Power on

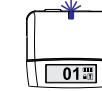
- Connect supplied power adapter with power input jack (⑤⑫) and switch power on (①⑩).

◆ Charging

- When powering on, the charger will do self-test which can be recognized by its LED behavior (④).
 - RED → GREEN → LED OFF (if no units are inserted)
- After the charger finishes above-mentioned power-on process, correctly insert all units in the charger.
- Check LED behavior (④) for correct charging.
 - Steady red: Charging
 - Steady green: Fully charged
 - Flashing red: Charging failure
 - No LED: The unit is not correctly inserted in the charging pocket or the charger is being programmed / channel synchronized.

◆ Prior programming

- Connect the charger with your PC via supplied programming cable (⑭). **USB** shows up on the control panel (②) and charging LEDs (④) will be off automatically. The charger is ready for being programmed.
- Now, click button **Open File** on the proprietary software **OK-OTG-SW** to open the frequency file saved in the software pack (⑭).
- After all settings and channel configurations are completed on the proprietary software **OK-OTG-SW**, insert all units in the charger and click button **Update Device** on the proprietary software **OK-OTG-SW** to start programming.
- During programming, **COPYING** shows up on the control panel (②).
- Check LEDs on all units to confirm the result of programming.



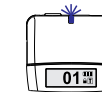
◆ Flashing blue	Programming is under process.
◆ Steady blue	Programming is completed successfully.
◆ No LED	The unit is not inserted well. Please take it out and insert it in the charger again. Or, charging contacts are potentially corrosive. Please clean them with a dry cloth and then insert units in the charger again.

- When the programming is completed, **USB** will show up again on the control panel (②).

⚠ Make sure batteries are inserted in all units when programming.

◆ Channel-sync

- After prior programming is completed, "channel configuration" will be saved in both charger and inserted units. Disconnect the programming cable from the charger.
- Press the button **<** or **>** to select pre-defined channel number **01** or channel name **English** and then press the button **OK** to confirm newly selected channel and start channel-sync.
- During channel-sync, **SYNC** will show up on the control panel (②) and charging LEDs (④) will be off automatically.
- Check LEDs on all units to confirm the result of channel-sync.



◆ Steady blue for 10 seconds and then off	Channel-sync is done successfully.
◆ Continuous flashing red	Failed channel-sync.
◆ No LED	The unit is not inserted well. Please take it out and insert it in the charger again. Or, charging contacts are potentially corrosive. Please clean them with a dry cloth.

⚠ Make sure batteries are inserted in all units when programming.

◆ Power saving

- Data charger will enter power-saving mode automatically if it's been idled (no device is inserted) for 10 minutes.
 - When the data charger is at power-saving mode, its screen on control panel (②) will light off and power LED (①) will start to flash.
- To leave power-saving mode, press any button on the control panel (②) to continue.

⚠ Charging function is not available at power-saving mode.

◆ Back to default

- Power the charger off (①).
- Press and keep pressing both buttons [←] and [→] on the control panel (②) when re-powering the charger on (①) again.
- Followings show the screen and default settings of the charger.

◀ 01 ▶

- ◇ Channel number: All are open
- ◇ Channel name: All are removed

■ Troubleshooting

◆ Flashing charging red LED shows up on the charger

- Make sure inserted batteries are rechargeable.
- Make sure inserted rechargeable batteries function well.
- Make sure rechargeable batteries are correctly inserted in all units.

◆ No charging LED lights up on the charger

- Make sure all units are correctly inserted in the charging slot of the charger.
- Make sure charging contacts on both units and the charger are clean without corrosion.

◆ No LED shows up on units when programming or channel-sync

- Make sure all units are correctly inserted in the charging slot of the charger.
- Make sure charging contacts on both units and the charger are clean without corrosion.

◆ Failed channel-sync (Continuous flashing red LED shows up on the unit)

- Make sure the unit shares same frequency table with the charger.
- Make sure the unit shares same channel configuration with the charger.
- Make sure the unit shares same pre-defined channel name with the charger.

■ Caution

- ◆ Keep the charger away from any heat source and in a location with good ventilation. Do not leave it under sunlight or close to heater.
- ◆ Clean charging contacts regularly with a dry cloth to prevent contact failure caused by dust or corrosion.
- ◆ Non-rechargeable batteries are not allowed to use.
- ◆ Use the power adapter supplied with original package only.
- ◆ Do not move or squeeze the charger improperly.

■ Specifications

◆ 5-slot Data Charger

Charging slots	5
Charging time	4 ~ 6 hours @ 1,600 mA Ni-MH rechargeable batteries
Charging algorithm	PWM control, -ΔV and TIMER power-off dedector
Power requirements	AC 100 ~ 240 V AC, DC 12 V / 1.6 A
Ambient temperature	0 °C ~ 40 °C
Dimensions	230 x 100.9 x 65.5 mm (D x W x H)
Weight	0.75 kgs

◆ 25-slot Data Charger

Charging slots	25
Charging time	4 ~ 6 hours @ 1,600 mA Ni-MH rechargeable batteries
Charging algorithm	PWM control, -ΔV and TIMER power-off dedector
Power requirements	AC 100 ~ 240 V AC, DC 12 V / 5 A
Ambient temperature	0 °C ~ 40 °C
Dimensions (D x W x H)	Charger unit: 245 x 336 x 84.8 mm Charger case: 266 x 437 x 170 mm
Weight	Charger unit: 2.25 kgs Charger unit with Charger Case: 4.71 kgs

◆ 50-slot Data Charger

Charging slots	50
Charging time	4 ~ 6 hours @ 1,600 mA Ni-MH rechargeable batteries
Charging algorithm	PWM control, -ΔV and TIMER power-off dedector
Power requirements	AC 100 ~ 240 V, 50 / 60 Hz
Ambient temperature	0 °C ~ 40 °C
Dimensions	222.8 x 482 x 399 mm (D x W x H)
Weight	12 kgs

※ Specifications are subject to change without prior notice.

This device complies with part 15 of the FCC Rules.
 Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
 Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 FCC INFORMATION
 The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:
 The equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to part 15 of the FCC Rules.
 These limits are designed to provide reasonable protection against harmful interference in a residential installation.
 This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication.
 However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 -- Reorient or relocate the receiving antenna.
 -- Increase the separation between the equipment and receiver.
 -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 -- Consult the dealer or an experienced radio/TV technician for help.