

E-GO

Y U N E E C T E C H N O L O G Y

CRUISER GUIDE

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INTRODUCTION

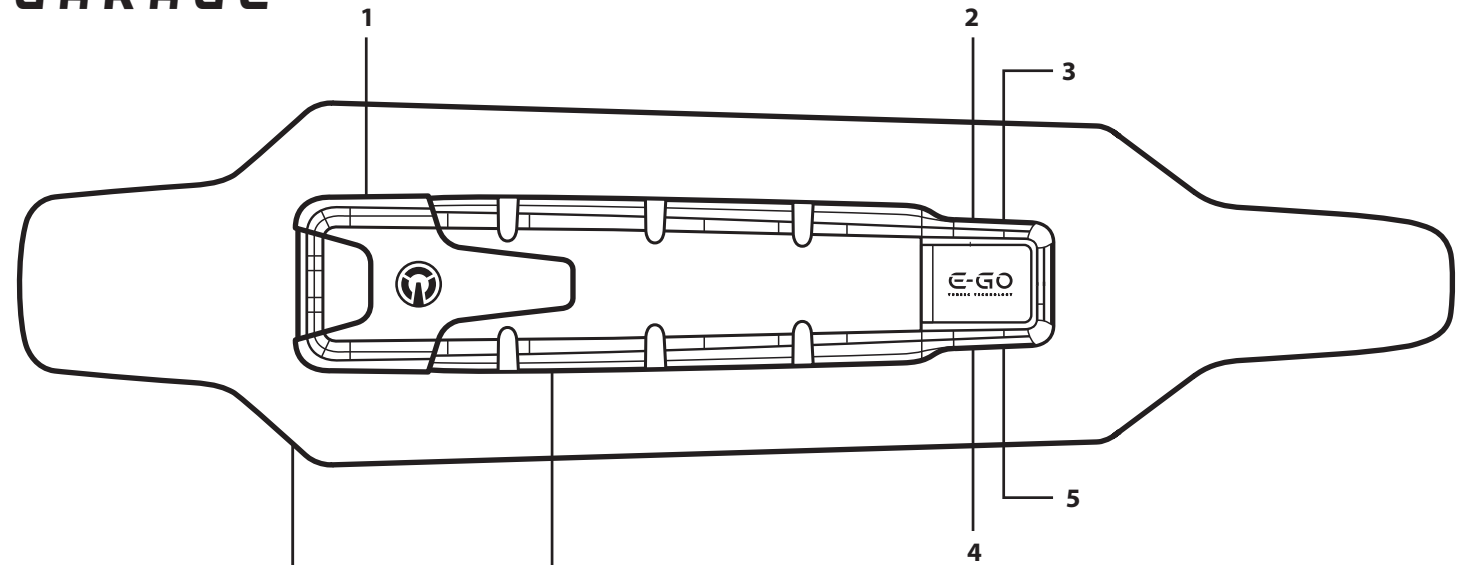
Congratulations, you have purchased an E-GO. You are now the owner of a portable, eco-friendly mode of transport that is incredibly fun to use. Integrating state of the art motor technology developed by YUNEEC for use in the aviation industry, E-GO brings to the streets an experience and convenience that was never available in the past.

Setting aside dated conventions, E-GO focuses on what is essential to the design of a sustainable transport unit that functions in modern urban areas. Combining high performance with low consumption, E-GO CRUISER allows you to travel up to 40Km / 25M on one full charge. Its lightweight design and compact dimensions make the E-GO the perfect wingman wherever you go: just pick up your board and step into a taxi, bus, train or indoor location.

Boarding is often linked to extreme sports` activities like surfing, skating or snowboarding and there are definitely similarities in the amount of freedom experienced when moving through space. However, E-GO is foremost a city transport unit and distinguishes itself as such especially by its incredible braking system, giving the rider the constant control over his / her vehicle required to ensure the safety of other people as well as his / her own.

Keeping the latter in mind we would like to suggest you read through this user manual, ensuring you understand fully how to properly set-up and use your E-GO CRUISER and what general common sense to apply when riding in a public area. The general rule we personally tend to follow: Ride with consideration and style. We hope you enjoy your E-GO experience!

GARAGE



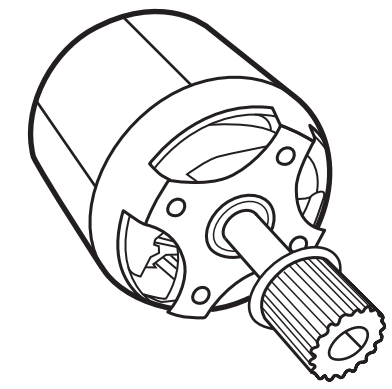
THE DECK

THE E-GO CRUISER FEATURES A 20 MM SIX LAYERED MAPLE WOOD DECK. THIS MAKES IT STRONG, DURABLE AND FLEXIBLE: ALL THE QUALITIES A RIDER LOOKS FOR IN A BOARD. THE TOP IS FINISHED WITH GRIP TAPE TO MINIMIZE SLIPPING.

THE BATTERY PACK

UNDERNEATH THE DECK WE FIND THE E-GO'S MULTI CELLED BATTERY PACK, CONTAINING THE LATEST BATTERY TECHNOLOGY DEVELOPED AND PATENTED BY YUNEEC. ITS FLEXIBLE CASING ALLOWS THE DECK TO BEND WHILE RIDING.

- 1. charger port
- 2. power button
- 3. battery status indicator
- 4. USB port
- 5. 2.4G bluetooth

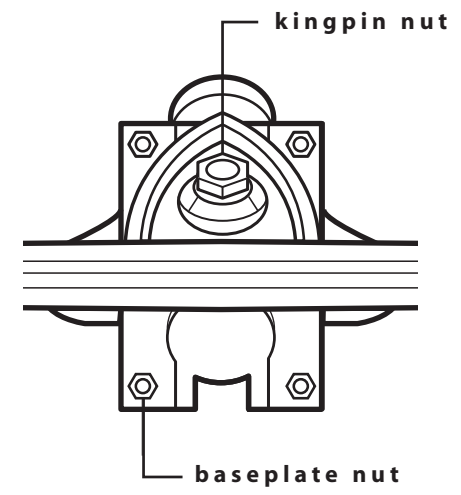
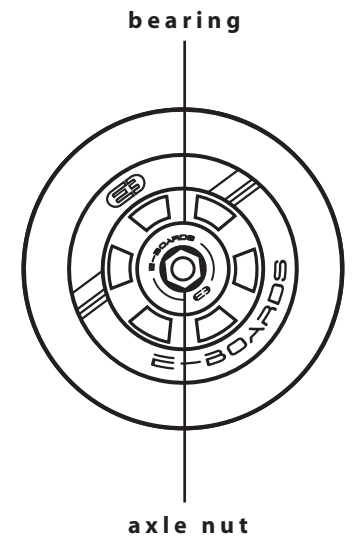


THE MOTOR

DEVELOPED BY YUNEEC FOR USE IN THE AVIATION INDUSTRY, THE E-GO BRUSHLESS 450 WATT MOTOR PROVIDES RELIABLE AND EFFICIENT POWER FOR YOUR CRUISER.

THE WHEELS

WITH A DIAMETER OF 90MM THE E-GO'S WHEELS ARE BIG ENOUGH TO SUSTAIN GRIP WHEN PUSHING THE THROTTLE FORWARD BUT SMALL ENOUGH TO INTEGRATE THE E-GO CRUISER INTO THE URBAN TRANSPORT SYSTEM.



THE TRUCKS

CONNECTING THE WHEELS TO THE DECK ARE TWO ALLOW TRUCKS MADE OF THE FINEST GRADE MATERIALS AVAILABLE. THE TRUCKS CAN BE TWEAKED USING THE TRUCK TOOL.

(For more on the truck tool see page 5)

THE WIRELESS CONTROLLER

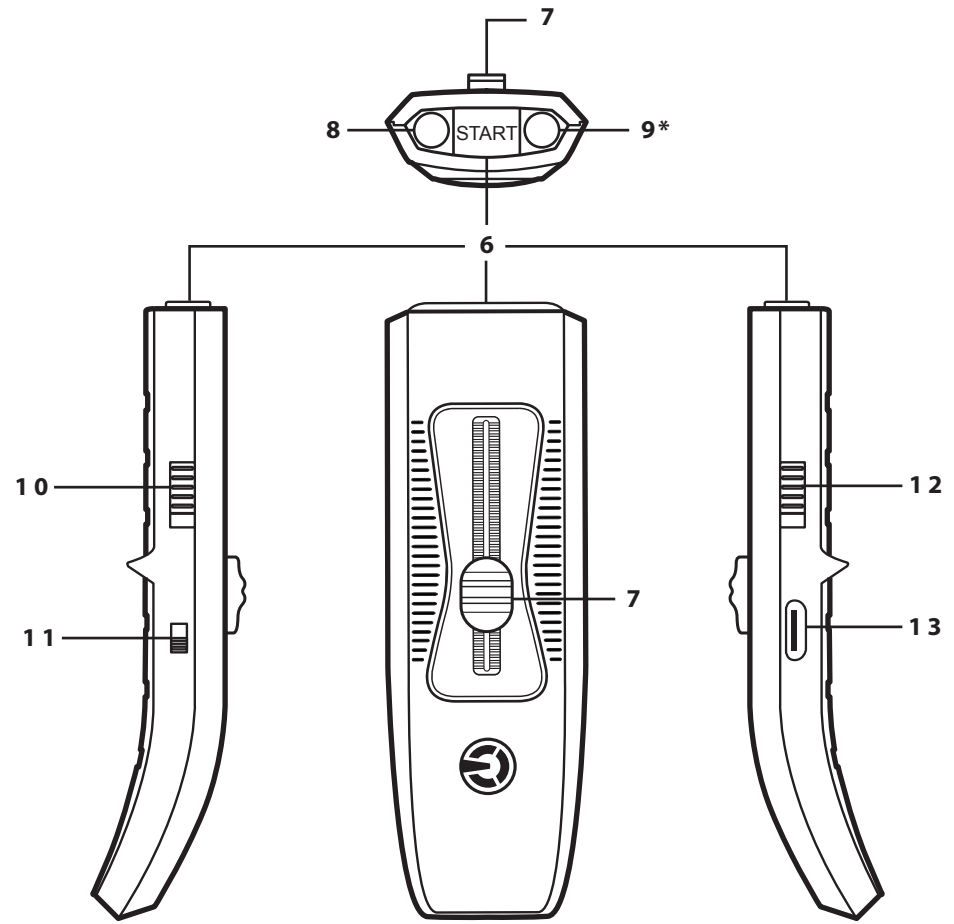
A KEY FEATURE OF THE E-GO IS WITHOUT A DOUBT ITS WIRELESS CONTROLLER WHICH ALLOWS YOU TO INTUITIVELY CONTROL ITS` MOVEMENTS BY SIMPLY SLIDING THE TROTTHLE / BRAKE SLIDER UP AND DOWN. WHEN NOT RIDING ITS` SLICK AND COMPACT DESIGN SLIPS RIGHT INTO YOUR POCKET OR BAG, TAKING UP LESS SPACE THEN MOST CELL PHONES.



THE BATTERY STATUS INDICATORS` BLUE LIGHT INDICATES THE WIRELESS CONTROLLERS` BATTERY STATUS, ITS` GREEN LIGHT INDICATES THE BOARDS` BATTERY STATUS. WHEN ACTIVATED THESE LIGHTS WILL BLINK IN A SERIES OF 1, 2, 3 OR 4. EACH BLINK OF LIGHT STANDS FOR 25% OF TOTAL BATTERY CHARGE.

THE THIRD LIGHT IS RED AND INDICATES EITHER BATTERY DEPLETION (WHEN ACTIVATED BUT NOT CHARGING) OR BATTERY CHARGE STATUS TO BE LESS THEN 100% (WHEN CHARGING).

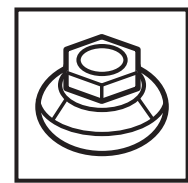
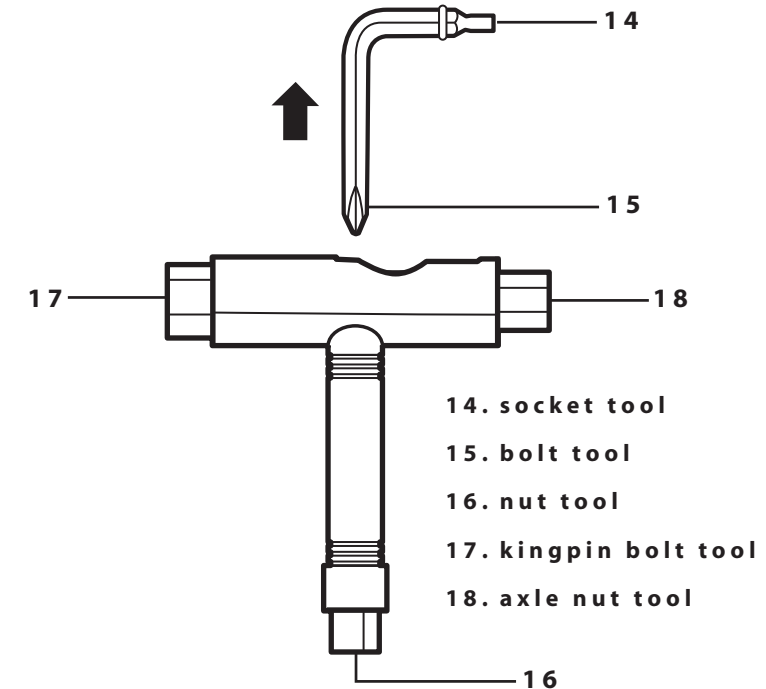
EXAMPLE: (WHEN ACTIVATED BUT NOT CHARGING) THE BOARDS` BATTERY IS COMPLETELY EMPTY AND THE CONTROLLERS` BATTERY HAS LESS THAN 75% OF ITS FULL CHARGE CAPACITY LEFT 4 RED BLINKS WILL BE FOLLOWED BY 2 BLUE BLINKS.



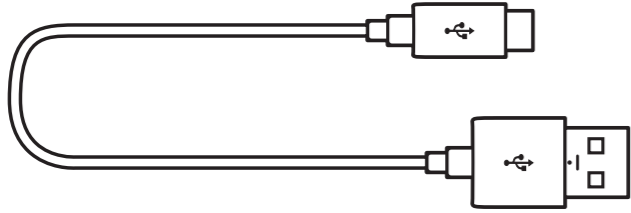
THE TRUCK TOOL

TO KEEP YOUR E-GO'S PERFORMANCE UP TO MAXIMUM YOU WILL NEED TO DO REGULAR MAINTENANCE CHECKS (for more info on maintenance please check page ?), MAKING SURE THE BOARD IS NOT OBSTRUCTED BY DIRT AND ALL NUTS AND BOLTS ARE PROPERLY TIGHTENED. TO TIGHTEN AND LOOSEN THESE NUTS AND BOLTS, YOUR E-GO CRUISER COMES WITH A SPECIFIC TOOL - THE TRUCK TOOL - THAT ALLOWS YOU TO DO THAT. IN GENERAL YOU SHOULD MAKE SURE ALL PARTS ARE SCREWED ON THERE NICE AND THIGHT, WITH THE EXCEPTION OF THE KINGPIN NUT WHICH CAN BE TWEAKED ACCORDING TO YOUR PERSONAL RIDING STYLE.

- 6. START button
- 7. throttle / brake
- 8. torch light
- 9. battery status indicator*
- 10. direction switch
- 11. gear switch
- 12. torch light switch
- 13. mini USB port



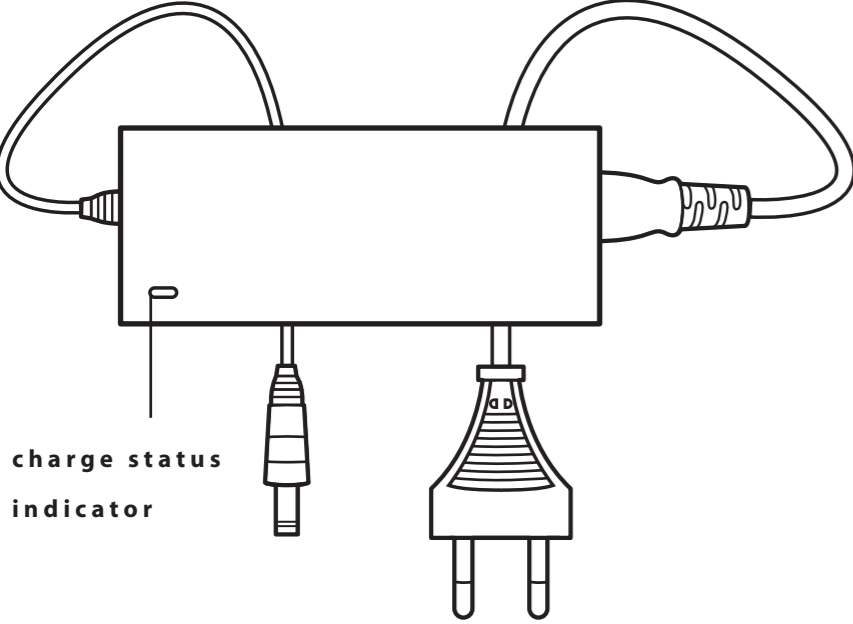
TIGHTENING THE KINGPIN WILL GIVE A MORE STABLE, RIGID RIDE. LOOSENING THE KINGPIN BOLT WILL MAKE THE BOARD MORE MANOUVERABLE AND DECREASE THE DIAMETER OF YOUR TURN RADIUS, ALLOWING YOU TO TAKE SHARPER TURNS.



THE USB
CONNECTS THE WIRELESS CONTROLLER TO THE BOARDS BATTERY PACK OR TO ANY COMPUTER OR OTHER USB PORT FOR RECHARGING PURPOSES.

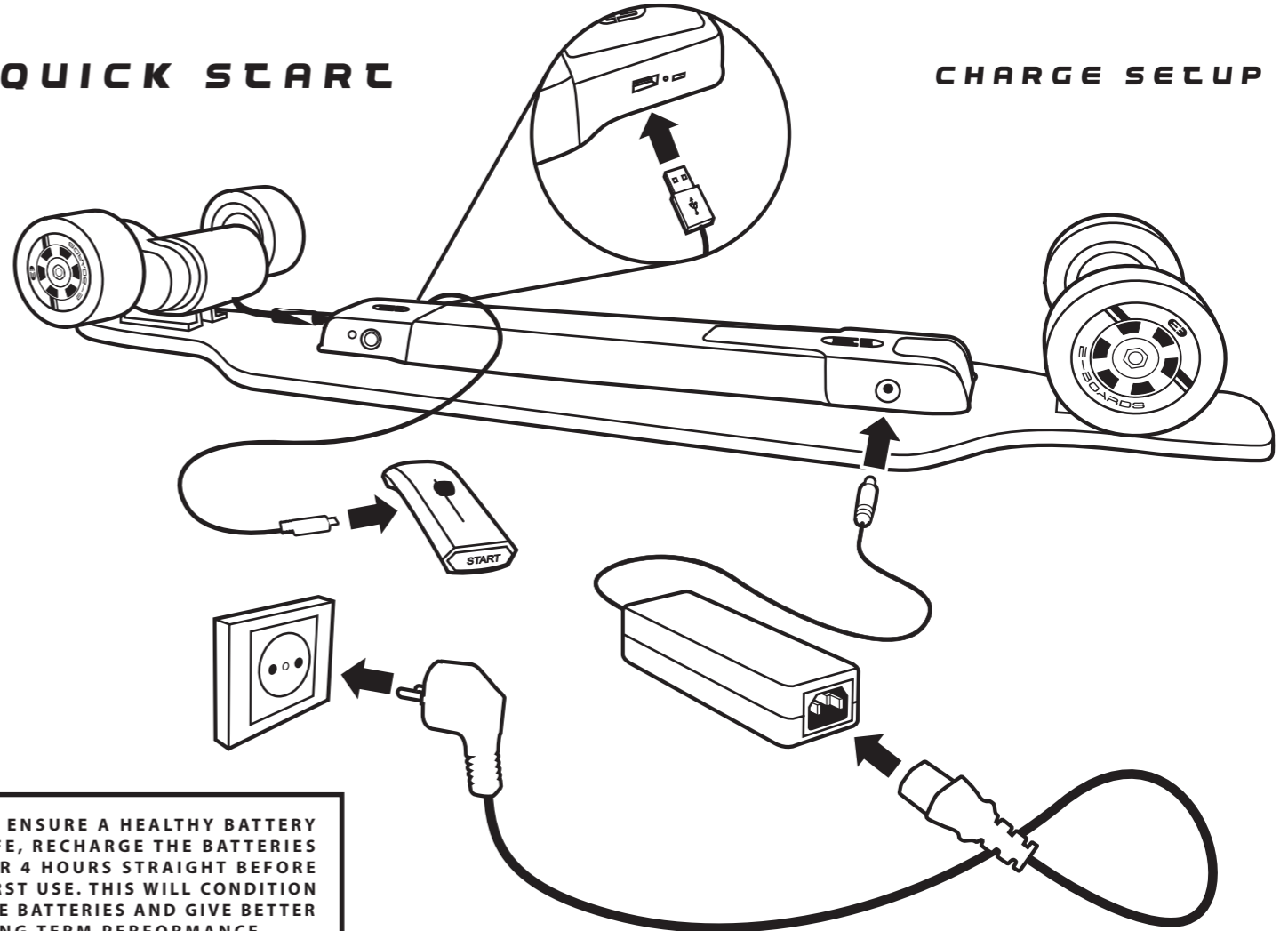
THE CHARGER
THE E-GO CHARGER ALLOWS YOU TO FULLY RECHARGE THE E-GO AND THE CONTROLLERS' BATTERY IN 2 TO 3 HOURS, GIVING YOU A MAXIMUM RIDING CAPACITY OF 40 KM / 24 MILES DISTANCE.

THE PIN TOOL
ALSO INCLUDED WITH THE E-GO IS A SMALL PIN SHAPED OBJECT WE CALL THE PIN TOOL, WHICH ALLOWS YOU TO ACCESS THE GEAR SWITCH ON THE CONTROLLER AND THE BLUETOOTH SWITCH ON THE E-GO.



QUICK START

CHARGE SETUP



TO ENSURE A HEALTHY BATTERY LIFE, RECHARGE THE BATTERIES FOR 4 HOURS STRAIGHT BEFORE FIRST USE. THIS WILL CONDITION THE BATTERIES AND GIVE BETTER LONG TERM PERFORMANCE.



THE E-GO CRUISERS' FEATURES 3 GEARS OR SPEED MODES: 1 BEGINNER MODE (WITH A LIMITED SPEED OF 15 KM/H OR 9 MPH) 1 EXPERT MODE (WITH A MAXIMUM SPEED OF 20 KM/H OR 12 MPH) AND 1 MODE THAT ALLOWS YOU TO RIDE IN REVERSE.



WHEN FULLY CHARGED THE E-GO CRUISER HAS A RANGE OF ABOUT 40KM / 25M WHICH TRANSLATES TO A RIDING TIME OF 2 TO 3 HOURS.



THE E-GO CRUISER WILL TAKE YOU ON INCLINES OF UP TO 10% (FOR A LIMITED DISTANCE: EXPECTING THE BOARD TO TAKE YOU UP MONT BLANC WILL RESULT IN THE MOTOR OVERHEATING).



TO FULLY CHARGE THE E-GO CRUISERS BATTERY, A CHARGE TIME OF ABOUT 3 HOURS TO A STANDARD A/C POWER PLUG IS NEEDED. TO FULLY CHARGE THE WIRELESS CONTROLLER A CHARGE TIME OF ABOUT 30 MINUTES TO A STANDARD A/C POWER PLUG IS NEEDED.



THE E-GO CRUISER INCLUDES A REGENERATIVE BRAKING SYSTEM (RBS) THAT RECYCLES POWER USED WHEN BRAKING FOR BATTERY RECHARGING PURPOSES.



AT JUST 5.8 KG, THE E-GO CRUISER IS VERY LIGHT, WHICH MAKES IT VERY PORTABLE AND EASY TO COMBINE WITH THE USE OF PUBLIC TRANSPORT.



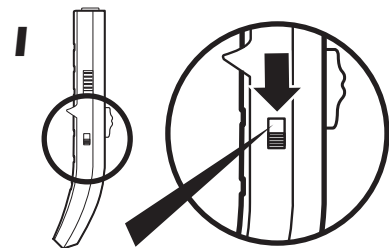
WHEN DISTANCE IS CREATED BETWEEN THE RIDER AND THE BOARD, THE E-GO AUTO SYNC LOCK WILL - MUCH LIKE A JETSKI - DISCONNECT THE SYNC BETWEEN BOARD AND CONTROLLER, BRINGING THE E-GO CRUISER TO A STOP.

STORAGE AND MAINTENANCE

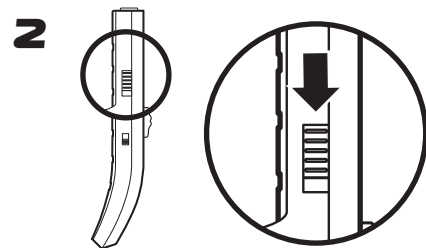
FOLLOW BATTERY CHARGING PROCEDURES BEFORE USING E-GO FOR THE FIRST TIME
 TURN OFF E-GO AND WIRELESS CONTROLLER WHEN NOT IN USE CHOOSE A COOL ENVIRONMENT FOR
 STORING THE E-GO AND ITS' CHARGER KEEP YOUR BATTERY FULLY CHARGED WHEN
 NOT IN USE RECHARGE THE BATTERIES IN A WELL VENTILATED AREA DO NOT RECHARGE THE
 BATTERIES IN AN AREA THAT MIGHT ALLOW E-GO OR ITS CHARGING UNIT TO BECOME WET
 DO NOT LEAVE E-GO CHARGING UNATTENDED KEEP CHILDREN AWAY FROM E-GO
 WHEN CHARGING DO NOT KEEP THE BATTERY ON CHARGE ONCE IT HAS FULLY CHARGED STOP USE
 OF THE PRODUCT OR CHARGING UNIT IF ANY WIRE IS WORN OR DAMAGED DO NOT MODIFY THE
 ELECTRICAL CONTROLS OR WIRING ONLY USE A MOTOR, BATTERY OR CHARGING UNIT SUPPLIED
 OR APPROVED BY E-GO DO NOT USE THE E-GO'S BATTERY TO POWER ANY OTHER EQUIPMENT



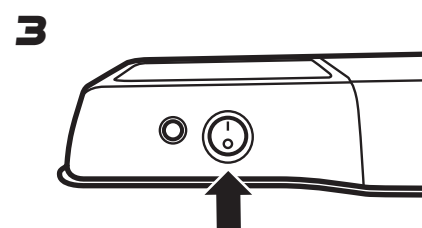
SYNCING TO A WIRELESS CONTROLLER



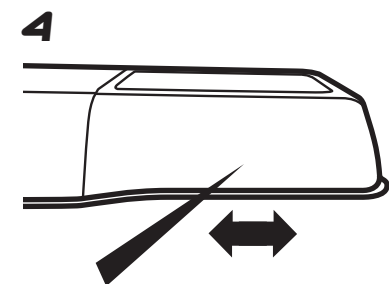
1 Use the pin tool (page 10) to slide down the gear switch positioned on the left side of the wireless controller.



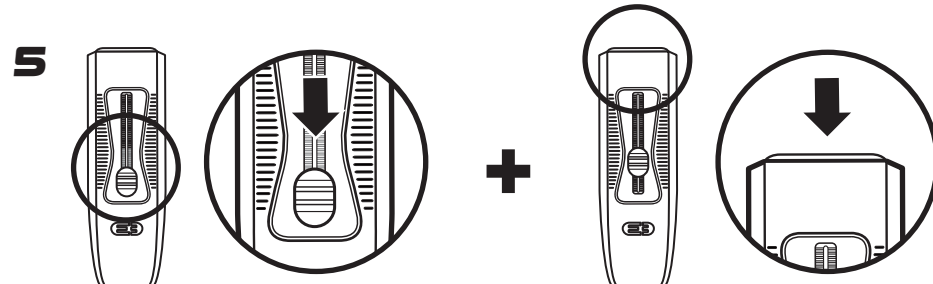
2 Slide down the direction switch positioned on the left side of the wireless controller.



3 Turn on the board by switching the power button on. The board should now make a beeping sound once and its battery status indicator should be blinking rapidly.

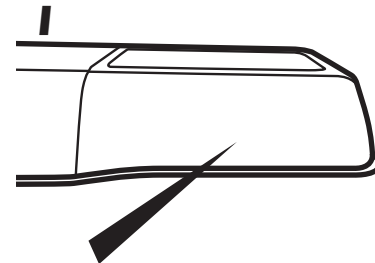


4 Use the pintool to slide the bluetooth switch first to the right, then to the left. The boards' battery status indicator should now be blinking more slowly.

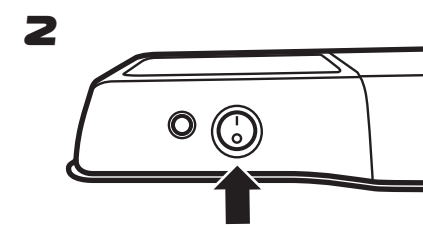


5 Slide down the wireless controllers' throttle / brake and hold it there. At the same time press down on the START button. After a few seconds the board should now beep for a second time, indicating that a successful synchronisation between the board and the controller has been made.

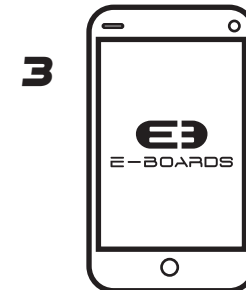
SYNCING TO A SMARTPHONE



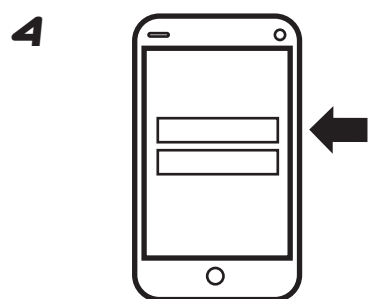
1 Use the pintool to slide the bluetooth switch first to the right, then to the left. The boards' battery status indicator should now be blinking more slowly.



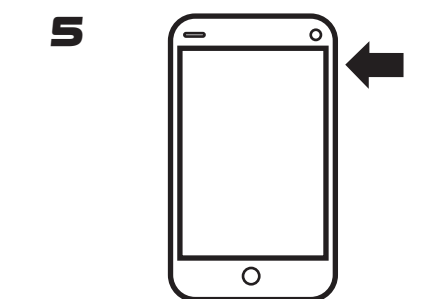
2 Turn on the board by switching the power button on. The board should now make a beeping sound once and its battery status indicator should be blinking rapidly.



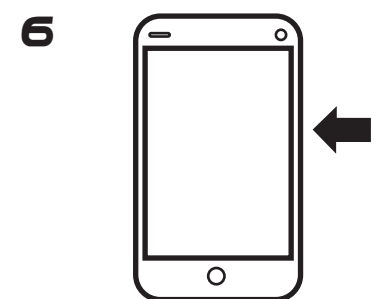
3 Open the E-GO APP on your smartphone.



4 Select 'SKATE' in the main menu



5 Select 'SCAN' in the perimeter menu.



6 After scanning select your E-GO in the list. After a few seconds the board should now beep for a second time, indicating that a successful synchronisation between the board and the smartphone has been made.

RIDER PROFILE

E-GO CRUISER IS DESIGNED FOR HUMAN RIDERS E-GO CRUISER IS DESIGNED FOR RIDERS 14 YEARS AND OLDER E-GO CRUISER IS DESIGNED FOR RIDERS WITH A BODY WEIGHT UNDER 120 KG / 260 LBS E-GO CRUISER IS NOT DESIGNED FOR TANDEM USE E-GO CRUISER IS NOT DESIGNED FOR CARGO TRANSPORTATIONS.

RIDING TIPS

FIRST TIME USING E-GO? START BY RIDING IN LOW GEAR INEXPERIENCED RIDERS ARE BEST TO FIRST PRACTISE IN A SPACIOUS, NON TRAFFIC ZONE SLIDING THE BRAKE BUTTON BACK BEFORE GETTING ON THE E-GO LOCKS THE WHEELS, MAKING IT EASIER TO STEP ON WHILE RIDING KEEP YOUR BACK STRAIGHT AND USE YOUR ARMS TO MAINTAIN BALANCE BENDING YOUR KNEES LOWERS YOUR BODY'S CENTER OF GRAVITY POINT WHICH INCREASES STABILITY SHIFT YOUR BODY WEIGHT TO THE FRONT WHEN ACCELERATING SHIFT YOUR BODY WEIGHT TO THE BACK WHEN BRAKING TO TURN / CARVE, DISPLACE YOUR BODY WEIGHT AND EXERT PRESSURE ON THE HEEL AND TOE SIDE OF THE BOARD YOUR TURN RADIUS DEPENDS ON THE AMOUNT OF PRESSURE YOU EXERT ON THE SIDE OF THE BOARD: MORE PRESSURE MEANS SHARPER TURNING CARVING WILL SLOW DOWN YOUR SPEED AND MAKES FOR AN ENERGY EFFICIENT WAY OF BRAKING BE MINDFUL WHEN TURNING / CARVING AT HIGH SPEED YOU CAN ADJUST MANOUVERABILITY BY TIGHTENING OR LOOSENING THE TRUCKS (more info on page ?) ADAPT YOUR SPEED TO YOUR RIDING SKILL AND ENVIRONMENT

■ BRAKE WHEN GOING DOWNHILL TO MODERATE YOUR SPEED ■ TAKING ON INCLINES OVER 10% MIGHT OVERHEAT THE BATTERY ■ REGULAR SHORT BURST OF FULL POWER AND BRAKING HEAVILY \ WILL DRAIN THE BATTERY FASTER THAN RIDING AT MODERATE CONSISTENT SPEED ■ DO NOT ATTEMPT JUMPS OR OTHER STUNTS, THIS MIGHT LEAD TO INJURY OR DEATH AND MIGHT DAMAGE YOUR E-GO.

WHEN RIDING IN PUBLIC AREAS

ABIDE BY THE LAWS AND REGULATIONS IN YOUR STATE OR COUNTRY RESPECT OTHER DRIVERS AND PEDESTRIANS ON THE ROAD BEWARE THAT WET, FROZEN, OILY OR UNPAVED SURFACES ARE UNSUITED FOR RIDING ON BEWARE THAT BRAKING DISTANCES VARY ACCORDING TO SURFACE TEXTURE, HUMIDITY, TEMPERATURE, ETC... AVOID RIDING ON BUSY ROADS AND CROWDED AREAS ADJUST YOUR SPEED WHEN RIDING ON THE SIDEWALK ADJUST YOUR RIDING STYLE WHEN RIDING AT NIGHT OR IN CONDITIONS WITH LOW VISIBILITY MAINTAIN CONTROL OF YOURSELF AND YOUR EQUIPMENT ALWAYS WEAR A HELMET AND OTHER SAFETY EQUIPMENT WHEN RIDING DO NOT RIDE WHEN INTOXICATED AVOID RIDING OVER GUTTERS, THIS MIGHT DAMAGE E-GO DO NOT EXPOSE E-GO TO WATER: DO NOT RIDE WHEN RAINING, DO NOT RIDE THROUGH PUDDLES USE DIRECT HAND CONTACT WHEN OPERATING THE HANDHELD REMOTE, WEARING GLOVES OR AN UNUSUAL GRIP MIGHT INTERFERE WITH YOUR ABILITY TO ACCURATELY USE THE CONTROLS BE AWARE THAT A STRONG ELECTRO MAGNETIC FIELD IN YOUR AREA MIGHT INTERFERE WITH THE FUNCTION OF THE REMOTE CONTROLLER DO FREQUENT MAINTENANCE CHECKS: BEFORE RIDING MAKE SURE ALL SCREWS ARE TIGHT AND YOUR E-GO IS IN PERFECT WORKING ORDER (MORE INFO PAGE 10)

BOARD

DECK MATERIAL	Bamboo / Carbonfiber
DECK DIMENSIONS	960*240mm
WHEEL MATERIAL	Polyurethane
WHEEL SIZE	90mm diameter / 52mm width
BATTERY TYPE	Li-ion
BATTERY CAPACITY	7.8 AH
BATTERY CELL QUANTITY	21
BATTERY CHARGING TIME	3-4 hours
MOTOR TYPE	Brushless Direct Current
MOTOR POWER	Max. 400W / Ave Power 150W
TRANSMISSION MODEL	Synchronous Belt Drive
BOARD WEIGHT	13.9lbs / 6.2kg

AC CHARGER

INPUT	AC 100-240V / 50-60HZ / 1.0A Max
OUTPUT	29.5V / 2A
CHARGE INDICATOR	Red when charging / green when charged

CONTROLLER

MATERIAL	ABS
DIMENSIONS	125*41*33mm
WEIGHT	60g
BATTERY TYPE	Lithium
BATTERY CAPACITY	240mAh
BATTERY CHARGING TIME	50 minutes
WIRELESS CONNECTION	2.4Ghz
VIBRATION	Yes

PERFORMANCE

MAX. USER WEIGHT	130kg
MAX. RANGE	18mi / 30km
HIGH GEAR MAX. SPEED	12mph / 20km/h
LOW GEAR MAX. SPEED	8mph / 13km/h

FCC statement

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.

This 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 instructions, may cause harmful interference to radio communications. 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.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER' S AUTHORITY TO OPERATE THE EQUIPMENT.



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