

# *Light*

user manual - the light phone



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# What is Light Phone

It is a tool that gives us back the most important things we too easily take for granted, our time and attention.

## 1.1 Why Light Phone

The products we use everyday are fighting for more of our attention and more of our increasingly limited time. Multitasking is a myth. It is glorified procrastination. It is addictive and exhausting. We've become habitually overwhelmed and we're craving escape from our phones.

If how we spend our days is "always connected", always staring at our screens, that will be how we spend the rest of our lives. Our ability to be fully present in the moment is diminishing quickly as our constant desire to document, share, and keep up with our feeds has distanced us from experiencing our lives as they actually occur. We might say that we have "talked" to someone when actually we have not. We have texted, emailed, snapchatted, tweeted, posted, commented, or "liked" them.

We believe in the right phone for the situation. Why is the same giant computer smartphone that you bring to work also the same phone that you bring to the beach, to dinner, to bed, or when simply trying to enjoy an afternoon away from email? The Light Phone frees us from the addiction of our hyper-virtual-connectivity, and removes the barriers between us and the real people and real things right in front of us that bring us real happiness.

"Reaching for a device becomes so natural that we forget there is a reason, a good reason to sit still with our thoughts," claims Sherry Turkle, author of *Alone Together* and *Reclaiming Conversation*, and Founder/Director of MIT Initiative on Technology and Self. Turkle argues our phones are so powerful that they are not just changing what we do, they are actually changing who we are.

## 1.1 Light Phone Spec

The Light Phone is an unlocked GSM phone that works with any GSM carriers.

Color: Matte White

Weight: 38.5 grams

Processor: Qualcomm 8208

Display: OLED

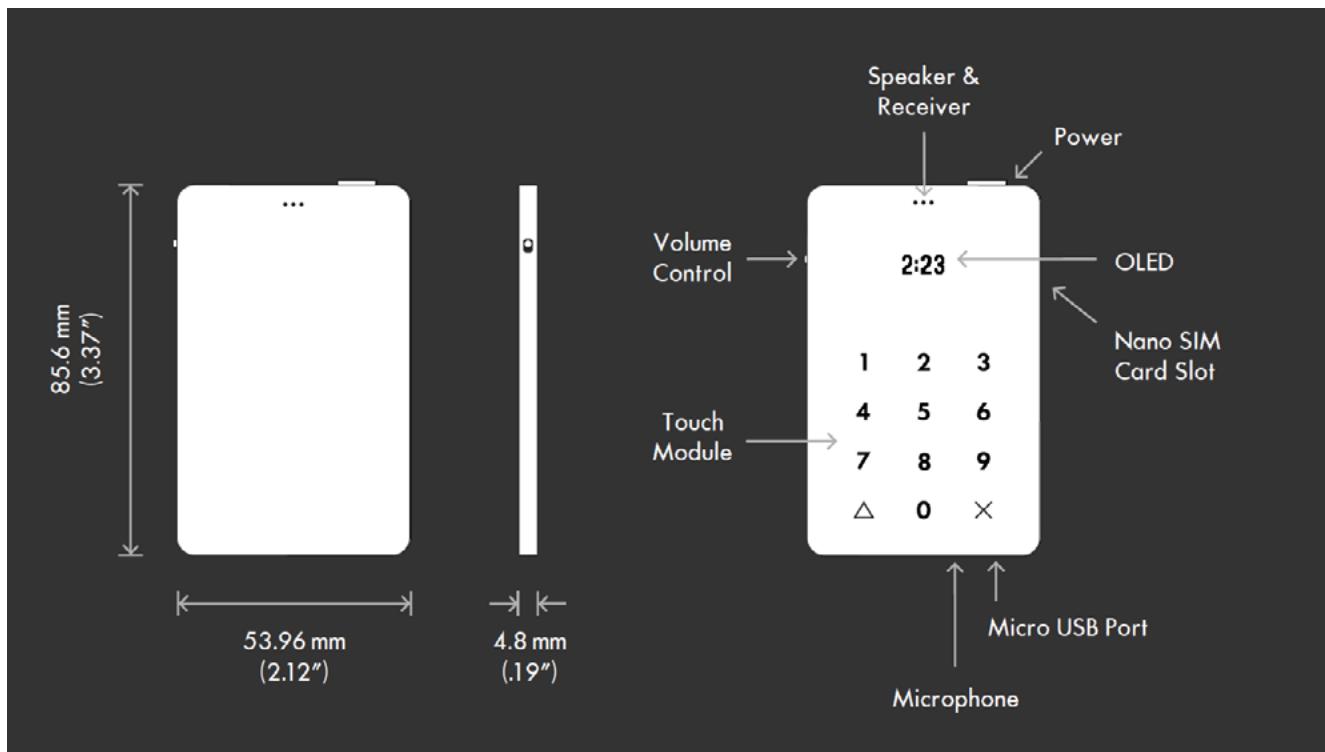
Battery life: 4 Days Standby

SIM Card: Nano SIM

Connector: Micro USB

Language: English

### 1.3 Light Phone Hardware overview



### 1.4 Maintenance and Safety guidelines (a.k.a things we have to say)

#### General guidelines

- Please do not attempt to disassemble the phone yourself as doing so will most likely result in permanent damage to the device.
- The Light Phone is not waterproof or shockproof phone.
- Sunlight will significantly reduce the visibility of the display and keypad.
- Please do not use Light Phone while driving, showering, kissing, having sex, having conversation with human, or enjoy a sunny/rainy day outside.
- Please switch off your phone in a potentially explosive area such as chemical plants, gas station or oil storage tank.
- Please do not use the mobile phone in the environment at too high or too low temperature, never expose the Light Phone under strong sunshine or too wet environment.

- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in high or cold temperature. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics. When the device warms to its normal temperature from a cold temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents or strong detergents to lean the device. Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- The device may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come into contact with magnetic fields for extended periods of time.

#### Children safety

- Keep your phone and all accessories out of the reach of small children. Small parts may cause choking or serious injury if swallowed.

#### Emergency call

- Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

#### Road safety guidelines

- When driving, don't use mobile phones.
- Be sure to concentrate on driving.
- If available, use a handsfree device.
- If you really need to answer a call on the phone, please park the car.

#### In Aircraft

- Turn off your phone before boarding any aircraft.

# How to use Light Phone

The Light Phone is designed to be used as little as possible

## 2.1 Operating Guide

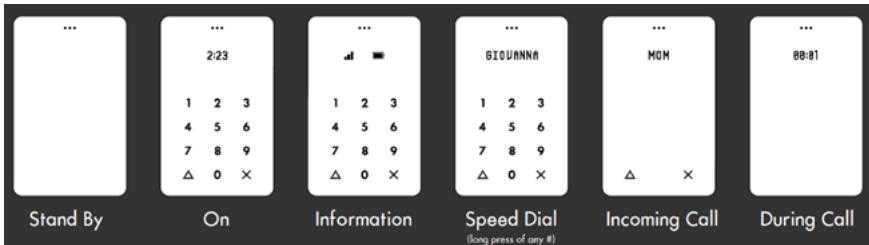
	Action 1	Action 2	Action 3	Action 4	Action 5	Action 6	Action 7
Link Light Phone to user's smartphone	Open Light app in user's smart phone	Get an unique set up code from Light app	Type in and send the set up code from your Light Phone	Light app confirms the link is valid			
Off mode	All screens off						
Device turning on	Long press power key	Run "star expanding" animation and play the start-up sound [To be provided]	Once the booting finish, then turn on OLED [to show current time and light up keypad at the same time.]				
Standby mode	All screens off						
Wake up mode [Time is showing on OLED display]	Short press power key	OLED/LED lights up at the same time (display shows time or last numbers user entered)	All lights off if no actions from user in 5 seconds				
Type	Short press any key on the keypad while both OLED and keypad are on	Numbers appears from middle of the OLED	Numbers are in a infinite display [OLDE needs to fit 10 digits at a time]				
Battery status	Short press triangle key	OLED shows battery icon / Only X lights up in keypad	Press X key return to wake up mode				
GSM signal	Short press triangle key	OLED shows battery icon / Only X lights up in keypad	Short press triangle key within 1 sec when the battery icon is showing	OLED shows GSM icon / Only X lights up in keypad	Press X key return to wake up mode		
Screen off	Short press power key	All lights off instantly / return to standby mode					
Speeddial	Long press any number key (0 to 9)	OLED brings up numbers / or names	Press X key return to wake up mode				
Shut down	Long press power key	Device shut off					
Silence mode	Toggle volume switch down	OLED shows "Silent" for 1 sec and vibrator does a short vibrate (0.5 sec)					
Ring mode	Toggle volume switch up	OLED shows "Ring" for 1 sec and vibrator does a short vibrate (0.5 sec)					
Dialing mode	Numbers are showing on OLED display						
Delete	Short press X key	Delete 1 digit at the time from the right					
Delete all digits and back to wake up mode	Short press X key continuously more than 3 times	All numbers are deleted and back to wake up mode (current time is displaying)					
Add # sign	Long press X key						
Add * sign	Long press X key till # shows up	Short press X within 2 sec when # is showing					
Add + sign	Long press X key till # shows up	Short press X within 2 sec when # is showing	Short press X within 2 sec when * is showing				
Make call	Short press triangle key to send call	OLED shows calling icon and only X lights up	Call time (counting) starts when call connected	Display off in 1 seconds			
Incoming call mode	Number/name shows on OLED / Only triangle and X light up on keypad.	All lights off when the call ends and user didn't pick up the call					
Pick up call	Short press triangle key	OLED shows time counting (counter) / All lights off immediately					
Reject call	Short press X key or power key and return to wake up mode						
Missed call	OLED shows missed call icon and the last 3 missed calls (if there were missed calls)	Press X to go back to standby mode					
During call							
Woke up display and keypad	Short press power key	OLED shows calling time and keypad lights up					
Type	Short press any keypad	Numbers appears from middle of the OLED	Numbers are in a infinite display (Fit 10 digits on OLED screen)				
Add # sign	Long press X key						
Add * sign	Long press X key till # shows up	Short press X within 2 sec when # is showing					
Add + sign	Long press X key till # shows up	Short press X within 2 sec when # is showing	Short press X within 2 sec when * is showing				
End call	Short press X key						
Menu mode	Long press triangle key	OLED shows "menu"					
Trigger stand alone mode (Bypass Light Cloud)	Short press 0	Short press 1	Short press 2	Short press 3	"No Cloud" mode showing on OLED display		
*0, 4-9 reserved for upcoming features: kids phone, phone storage, etc.							
Bring up outgoing logs	Short press 1	Show "outgoing" logs					
Bring up incoming logs	Short press 2	Show "Incoming" icon					
Switch between standard / 24 hours time setting / No time	Short press 3	Show "Standard" / "24 hours" / "No time"					

**Note**  
Short press: Press key less than 3 seconds  
Long press: Press and hold key longer than 3 seconds  
Device off: No action in 5 seconds

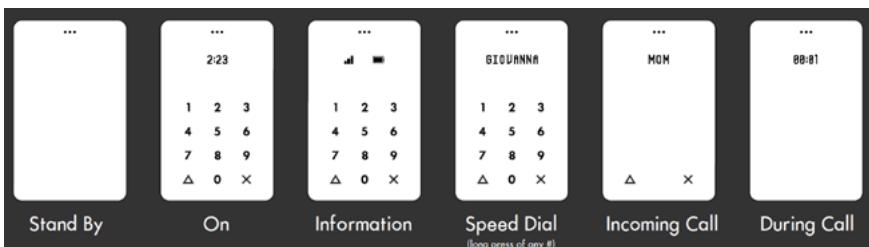
Light confidential document 2016 - Do not distribute or share without approval from Light

## 2.2 Operating instruction

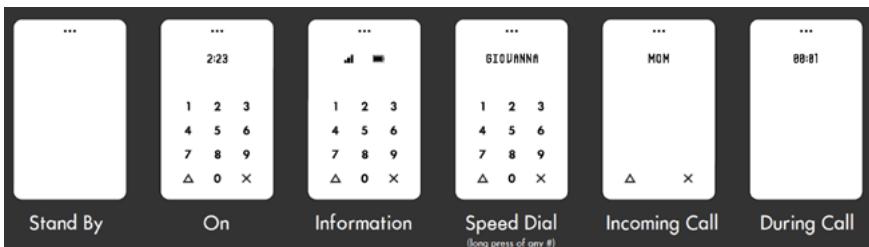
- Turn on/off : Long press power key for 3 seconds



- Make phone call: Type in number during standby mode and press triangle.



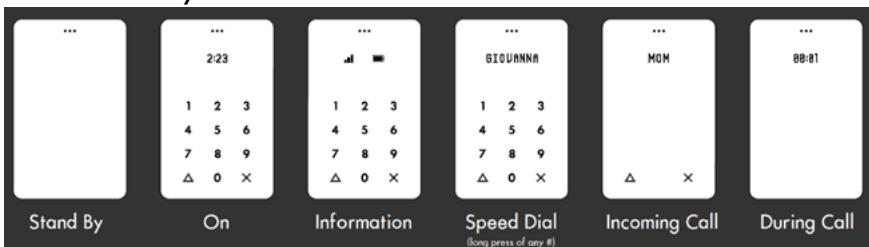
- Pick up phone call / end call : Press triangle when receiving a call / press X during talking mode



- Check battery/signal status



- # / + / \* key



- Charging

# Important Information

Legal and certification info

## 3.1 Important Information United States

THIS PHONE MODEL HAS BEEN CERTIFIED IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

The LightPhone Series mobile phones have been designed to comply with applicable safety requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits of exposure to radio frequency (RF) energy set by governmental authorities.

These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a safety margin designed to assure the safety of all individuals, regardless of age and health. The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

For more information on SAR, please refer to the Important Information chapter in the User Guide. The highest SAR value as reported to the authorities for this phone model when tested for use by the ear is 1.48 W/kg, and when worn on the body is 1.133 W/kg. For body-worn operation, the phone has been tested when positioned a minimum of 10 mm from the body without any metal parts in the vicinity of the phone or when properly used with an appropriate accessory and worn on the body.

Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure\*. The tests are performed in positions and locations (i.e., by the ear and worn on the body) as required by the FCC for each model. The FCC has granted an Equipment Authorization for this phone model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure. SAR information on this phone model is on file at the FCC and can be found under the Display Grant section of <http://transition.fcc.gov/oet/ea/fccid> after searching on FCC ID:2AIBC-WYCKOFF1.

In the United States, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements. This paragraph is only applicable to authorities and customers in the United States.

### **3.2 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. Any change or modification not expressly approved by Sony may void the user's authority to operate the equipment.

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.

### **3.3. Declaration of Conformity for TLP102**

We, The Light Phone Inc of 49 Bogart St #44, Brooklyn, New York, United States  
11206

declare under our sole responsibility that our product type TLP102 and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards EN 301 489-1:V1.9.2, EN 301 489-3:V1.6.1, EN 301 489-7:V1.3.1, EN 300 440-2:V1.4.1, EN 301 511:V9.0.2, EN50566:2013, EN 62209-1:2006, EN 62209-2:2010 and EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 following the provisions of, Radio Equipment and Telecommunication Terminal Equipment directive 1999/5/EC.

JUNE 2016

CE 0560



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We fulfil the requirements of the R&TTE Directive (1999/5/EC).