# FCC Part 15D - APPLICATION FORM & SELF-DECLARATION



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Manufacturer NameREOR ELECTRONICS CO. LTD.Address5F, No.122,Caohe Rd,Jhonghe Dist, New Taipei City 235,TaiwanPortable PartFix PartFCC IDORV-LSACTModel NumberACTDevice NameActivate charging station and wireless audio hubHW versionA5.0.04SW versionA5.0.04Antenna TypeMonopoleMains Power VoltageDC24V	V V V
Address   5F, No.122,Caohe Rd,Jhonghe Dist, New Taipei City 235,Taiwan     Portable Part   Fix Part     FCC ID   ORV-LSACT     Model Number   ACT     Device Name   Activate charging station and wireless audio hub	V V V
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FCC IDORV-LSACTImage: state stat	
Model Number   ACT   Image: Second station and wireless audio hub   Image: Second station and wireless audio hub     HW version   Activate charging station and wireless audio hub   Image: Second station and wireless audio hub   Image: Second station and wireless audio hub     HW version   A5.0.04   Image: Second station and wireless audio hub   Image: Second station and wireless audio hub     SW version   A5.0.04   Image: Second station and station and wireless audio hub   Image: Second station and wireless audio hub     Antenna Type   Monopole   Image: Second station and statio	
Device NameActivate charging station and wireless audio hubHW versionA5.0.04SW versionA5.0.04Antenna TypeMonopoleMax. Antenna Gain (dBi)-2Mains Power Voltage-2Battery VoltageDC24V	V V V
HW version   A5.0.04     SW version   A5.0.04     Antenna Type   Monopole     Max. Antenna Gain (dBi)   -2     Mains Power Voltage   Adapter Input   AC     Battery Voltage   DC   24   V	V V V
SW version   A5.0.04   Image: Stress of the	V V V
Antenna Type   Monopole   Image: Monopole     Max. Antenna Gain (dBi)   -2   Adapter Input   AC     Mains Power Voltage   Adapter Output   DC     Battery Voltage   DC   24   V	
Max. Antenna Gain (dBi) -2   Mains Power Voltage Adapter Input AC   Battery Voltage DC 24 V	V V V
Mains Power Voltage Adapter Input AC   Battery Voltage DC 24 V	V V V
Mains Power Voltage Adapter Output DC   Battery Voltage DC 24 V	V V
Battery Voltage DC 24 V	V
Battery Voltage DC 24 V	
	4000 440
Number of channels 5	
Carriers frequency/(MHz) 1921 536 1923 264 1924 992 1926 720	1428 448
Nominal Receive Bandwidth +/- 500 kHz	1320.440
Frame period (ms)	
24 timeslots per frame. First 12 timeslots used for PP transi	missions
Timeslot Plan and other <b>12</b> timeslots used for FP transmissions.	moolono
Burst Length Range (us) Min 90 Max 390	
Operating Temperature Range (°C)  Min   10  Max   40	
Does a system built with the EUT that implement the provisions of 47CFR 15.323(c)(5)	es 🗌 No
According to 47CFR15.323(c)(5), does your model <b>not</b> use bandwidth in further	
cooperation with other devices at any range?	
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c)(6) incorporating provisions for waiting for a channel to go clear?	es ⊠No
According to 47CFR15.323(c)(8), does EUT use the same antennas for transmission and	es 🗌 No
Does a system built with the EUT that operate under the provisions of 47CER	
15.323(c)(10) to test for deferral only in conjunction with a companion device?	es ⊠No
Does a system built using the EUT that operate under the provisions of 47CFR	
resence of collocated interferers?	
According to 47CER15 323(c)(12) does FLIT <b>not</b> work in a mode with denies fair access to	
spectrum for other devices.	es ∐No
Does your model have the monitoring made through the radio receiver used for	
communication?	
Does your model transmit control and signaling channels?	es 🗌 No
According to 47CFR15.319(b), do all transmissions use only digital modulation techniques?	es 🗌 No
A – Connection break down, cease of Situation Reac	tion of EUT
The provisions within the transmit <b>PP</b>	B B
transmits signaling information Hook-on by compare device	N
C – Connection break down, Switch-off by EUT	Α
obtained: compare device transmits Hook-on at EUT side	B
N – Not possible     Remove Power from compare device	R

## DECLARED BY:

## 09/20/2017

Mike Frost

Date

Name (print)

Signature & Chop



## FCC Part 15.323(c)(5)

If access to spectrum is not available as determined by the above, and a minimum of 40 duplex system access channels are defined for the system, the time and spectrum windows with the lowest power level below a monitoring threshold of 50 dB above the thermal noise power determined for the emission bandwidth may be accessed. A device utilizing the provisions of this paragraph must have monitored all access channels defined for its system within the last 10 seconds and must verify, within the 20 milliseconds (40 milliseconds for devices designed to use a 20 milliseconds frame period) immediately preceding actual channel access that the detected power of the selected time and spectrum windows is no higher than the previously detected value.

The power measurement resolution for this comparison must be accurate to within 6 dB. No device or group of co-operating devices located within 1 meter of each other shall during any frame period occupy more than 6 MHz of aggregate bandwidth, or alternatively, more than one third of the time and spectrum windows defined by the system.

#### FCC Part 15.323(c)(6)

If the selected combined time and spectrum windows are unavailable, the device may either monitor and select different windows or seek to use the same windows after waiting an amount of time, randomly chosen from a uniform random distribution between 10 and 150 milliseconds, commencing when the channel becomes available.

## FCC Part 15.323(c)(8)

The monitoring system shall use the same antenna used for transmission, or an antenna that yields equivalent reception at that location.

#### FCC Part 15.323(c)(10)

An initiating device may attempt to establish a duplex connection by monitoring both its intended transmit and receive time and spectrum windows. If both the intended transmit and receive time and spectrum windows meet the access criteria, then the initiating device can initiate a transmission in the intended transmit time and spectrum window. If the power detected by the responding device can be decoded as a duplex connection signal from the initiating device, then the responding device may immediately begin transmitting on the receive time and spectrum window monitored by the initiating device.

#### ANSI C63.17 § 8.3

To comply with 47CFR15.323(c)(10), the EUT must monitor both its transmit time/spectrum window and its receive time/spectrum window.

### FCC Part 15.323(c)(11)

An initiating device that is prevented from monitoring during its intended transmit window due to monitoring system blocking from the transmissions of a co-located (within one meter) transmitter of the same system, may monitor the portions of the time and spectrum windows in which they intend to receive over a period of at least 10 milliseconds. The monitored time and spectrum window must total at least 50 percent of the 10 millisecond frame interval and the monitored spectrum must be within 1.25 MHz of the center frequency of channel(s) already occupied by that device or collocated co-operating devices. If the access criteria is met for the intended receive time and spectrum window under the above conditions, then transmission in the intended transmit window by the initiating device may commence.

#### FCC Part 15.323(c)(12)

The provisions of (c)(10) or (c)(11) shall not be used to extend the range of spectrum occupied over space or time for the purpose of denying fair access to spectrum to other devices.

#### FCC Part 15.319(b)

All transmissions must use only digital modulation techniques. Both asynchronous and isochronous operations are permitted within the 1920-1930 MHz band.

#### FCC Part 15.319(f)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude transmission of control and signaling information or use of repetitive codes used by certain digital technologies to complete frame or burst intervals.