VERITY™
studios

# Verity Studios Lucie

# User Manual

# Contents




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# Regulatory and Legal Information

## Copyright



## Disclaimer

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## Trademarks

The Verity Studios logo is a trademark of Verity Studios AG.

## Intended Use

This manual describes the setup and use of the Verity Studios Lucie. Use this product only for the purpose it was designed for.

## Interference

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s).

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

This device must be operated with a minimum distance of 20 cm from any person.

Changes or modifications made to this equipment not expressly approved by Verity Studios AG may void the FCC authorization to operate this equipment.

### RF Exposure Warning

This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment must operate with the minimum separation distance of 20 cm from any person. The transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Safety Information

- Read and follow all instructions before using the Verity Studios Lucie.
- Never open or modify the Verity Studios Lucie. There are no user serviceable parts or replaceable parts inside the product.
- Do not use the Verity Studios Lucie if it has been damaged.

## Introduction

This manual describes the operation of the Verity Studios Lucie, and provides important regulatory information concerning the use of the Verity Studios Lucie.

The Verity Studios Lucie is part of a robotic entertainment system, used in live entertainment and other similar applications. The Lucie provides internal sensing circuitry as well as radio connections to capture external signals. This information enables the Lucie to fly safely indoors.

## Operation

Lucies must be operated as a part of the Verity Studios system. They are controlled and monitored by proprietary hardware and software that enable autonomous operation. Installation and operation of a Verity Studios system including Lucies must follow the instructions in this manual, as well as all other documentation and training provided to customers.

**Warning:** The Lucie has a limited operating temperature range (see General Specifications below)!
The Lucie is not waterproof!
Condensing humidity can destroy the Lucie! Always allow the device to acclimatize before operation and do not expose the device to temperature changes during operation.

Follow the steps below to operate the Verity Studios Lucie.

Charging Interface

*Fig. 1: Verity Studios Lucie Connector Overview*

Step 1: Install and connect a charged Verity Studios battery.

Step 2: Following the system user manual, initialise the Verity Studios system and ensure that no warnings and errors are indicated. If any warnings or errors are indicated, heed the information given and contact Verity Studios.

Step 3: Operate the system following the system user manual.

Step 4: After use, the Lucies can be powered off. They should never be charged unattended.

## Troubleshooting

If you are unsure whether your Verity Studios Lucie is operating properly, contact Verity Studios AG. Under no circumstances should the product be opened or modified for troubleshooting. There are no user-serviceable or user-repairable components inside the product.

# Specifications

## Electrical Specifications

| | |
|---|---|
| Input voltage: | 3.7 VDC nominal |
| Max. power consumption: | 30W |

## General Specifications

| | |
|---|---|
| Dimensions (WxHxD): | 155mm x 50mm x 155mm |
| Operational temperature range: | 0°C to 50°C |