GT1 User Manual

GT1 Head Unit

Technology at Work®

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Follow all usage, charging and maintenance guidelines in the Product User Guide. If you have questions, contact Janam.

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Product Overview

GT1 Mobile Entry Pedestal

Introduction

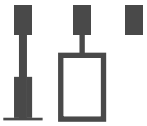
Janam's GT1 delivers rapid, reliable and barrier-free access control for sports, performing arts and live entertainment venues. With state-of-the-art barcode scanning and the world's most advanced tap-and-go NFC technology, GT1's "plug-and-play" design elegantly transforms a Janam handheld scanner into a contactless, self-service pedestal, saving enormous cost and promoting safe "social distancing."

By enabling guests to self-scan their entry credentials, GT1 practically eliminates direct contact between patrons and ticket takers, freeing up venue personnel for other important tasks. Powered by a large-capacity battery with over 24 hours of operating time, GT1 delivers robust, no-touch scanning of 1D/2D barcodes, RFID tags on tickets and wristbands, Apple Wallet passes and Google Pay passes from any location in the venue. Attention-grabbing LEDs and audio alerts allow a single attendant to monitor multiple GT1 pedestals at once from a safe distance.

Key Features

"PLUG-AND-PLAY"

Transforms an XT2+ or XT3 handheld into a fully-automated, self-service scanning solution



VERSATILE DESIGN

Compact and portable; fits most spaces in pedestal, countertop or wall-mounted format

INDOOR & SELECT OUTDOOR

Perfect for sports stadiums, arenas, theaters, museums and other multi-purpose facilities

SELF-SERVICE

Visitors self-credential, enabling gate staff to perform other tasks

NO TOUCH

Reduces the spread of contagions via zero contact and safe distancing

INSTANT NOTIFICATIONS

Attention-grabbing LED lights and audio alerts confirm credential status at a distance

NFC "TAP-AND-GO"

Supports advanced protocols for both Apple Wallet and Google Pay in the same device

ROBUST DATA CAPTURE

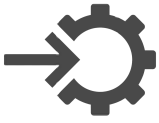
Reads all 1D/2D printed and digital barcodes, RFID/NFC-enabled tickets and wristbands

SUSTAINED CONNECTIVITY

Maintains existing network connection to backend software solution for continued stability

PHYSICALLY UNTETHERED

High-capacity battery provides 24+ hours of continuous operation on a single charge



SOFTWARE INTEGRATION

Integrates with virtually all third-party ticketing software

DURABLE BUILD

Withstands exposure to light dust and rain

Equipment Hardware

1 High-visibility LEDs

2 NFC reader

3 Multi-touch capacitive screen

4 1D/2D barcode reader

5 High-capacity battery

Product Specifications

GT1 Pedestal	
Dimensions	Height: 52” / 132.08cm Base: 13” x 15” / 330mm x 381mm
Weight	Approximately 49lbs. / 22.2kgs
Battery	Li-polymer Nominal voltage: 36V Rated capacity: 10.4Ah Charge current: 2A Charging mode: CC/AC AC input: 110-240v, 50/60HZ Max charge voltage: 36V-42V Cycle life: ~2,000 cycles Charging time: Approx. 6 hours
I/O	I/O on GT1 includes power input jacks for wall adapter and battery, ethernet port, and USB port
Operating Temperature	-4º to 140ºF / -20°C to 60°C
Storage Temperature	-13º to 158ºF / -25°C to 70°C
Humidity	Non-condensing, 95%
Water & Dust	IP52
Regulatory	FCC Class B, CE Approved
XT2+ / XT3 Rugged Touch Computer	
Display	5-inch, Daylight readable (500 nits), Wide viewing angle, Corning Gorilla Glass
Touch Panel	Multi-touch capacitive screen

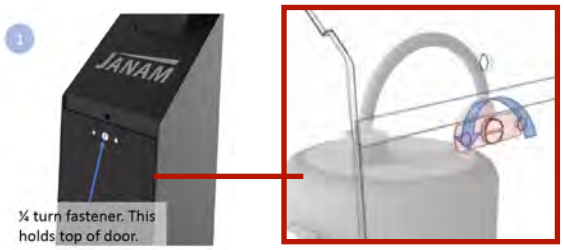
Initial Setup

Pedestal Assembly

1	Upon unboxing, you'll notice that GT1 is folded in half.
2	Remove the single screws on both sides of the pedestal while in folded position. Raise the folded top half of GT1, bending it at the hinge until the stem of the pedestal is fully vertical.
3	At the hinge, securely fasten the top and bottom halves of GT1 by inserting the appropriate screws into the holes on the sides of the device. Reinsert the two screws so that they lock the pedestal in a standing position and tighten using the provided hex wrench.

Initial Setup

Battery Door

1	On the back side of the pedestal, there is a small knob at the top of the battery door. Using a flathead screwdriver, turn the knob counterclockwise 90° to unlock. 
2	Once unlocked, tip the door backwards and lift it up and out of place to remove.
★	To apply the battery door, reverse this process.

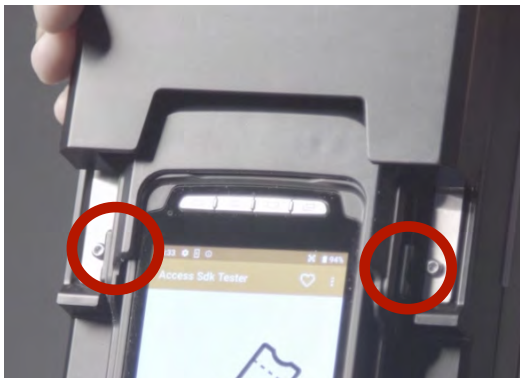
Initial Setup

Battery Insertion

1	There is a black power cord native to the GT1 pedestal. Ensure that the power cord is laced through the designated hole at the top of the battery holder. Screw the black power cord into the top of the battery, as depicted below.
2	Insert the battery into the battery holder, lifting the battery into place from below. Carefully tuck the excess cord above the battery holder up into the pedestal.
3	When inserted properly, the battery will click into place with the holder and the red power button and black power cord will fit comfortably in place, as indicated by their visibility and ease of access within their pre-determined slots in the battery holder.
★	To remove the battery, use the supplied key to disengage the battery from the holder and reverse the steps taken for installation.

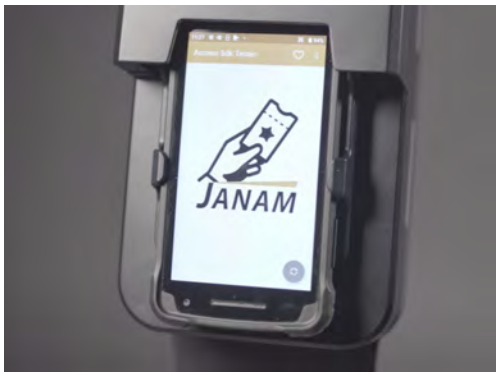
Initial Setup

XT2+ / XT3 Insertion

1	Gently slide the NFC-logo head cover up to expose the handheld holder. Slide the locking clips on each side of the handheld holder to the “up” position.
2	Flip the handheld upside-down so that the connector is facing upward and gently slide the handheld into the handheld holder. Slide upward until the handheld’s connector makes firm contact with the holder’s connector pins.
3	Using one hand, continue to hold the mobile device in place. Secure the mobile device in place by sliding the clasps on top of both sides of the mobile device holder downward.  *Locked in place*

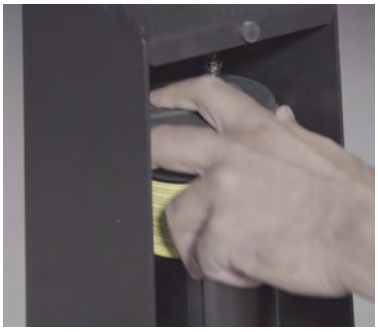
Initial Setup

XT2+ / XT3 Insertion (continued)

4	Slide the NFC / RFID plate downward into its original position. 
★	To remove the mobile device, reverse the steps taken for insertion.

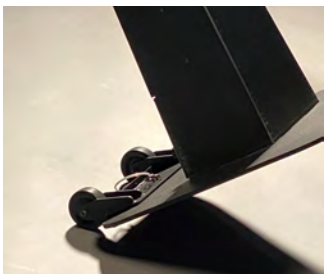
Initial Setup

Power On & Off

1	Locate the high-capacity battery on the back side of the pedestal. Remove the battery door (if applicable). At the top of the battery, there is a red power button.
2	On the red power button, the line symbol means “power on” and the circle symbol means “power off”. Toggle the switch to turn on or off. 

Initial Setup

Attachable Wheels

1	Located on the back of the pedestal base, there is a long, slightly notched section with a single hole centered about an inch from the edge. Slide the attachable wheels, with the flat side facing downwards, into this notch, sandwiching the pedestal base between the lower and upper lips of the attachable wheels. If the pedestal is unstable once attachable wheels are in position, please reinstall attachable wheels with smooth side facing downward to the floor.
2	Align the hole in the attachable wheels with the hole in the base of the pedestal.
3	Insert the attachable wheels key into the aligned holes.
4	Tilt the pedestal backwards to utilize attachable wheels. 

Initial Setup

Connect Battery Charger

1	Locate the high-capacity battery on the back side of the pedestal. Remove the battery door (if applicable). At the base of the battery, there is a port for the charger.
2	The battery does not need to be removed from the pedestal in order to charge. Connect the charger to the port.

Caution!
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 complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and consider removing the no-collocation 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.

Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique 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;
2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.