TowBrite Inc.
www.towbrite.com
613-366-1584
sales@towbrite.com

FCC ID: 2AWK3-TBR433TX IC: 26388-TBR433TX

Model: TBR433TX

PMN: TowBrite 433mhz TX

Manual

TowBrite 433mhz TX

Operating Instructions

1. Each TowBrite Wireless transmitter is encoded with a unique ID to prevent cross talk between different devices.

2. Plug the transmitter into your vehicle or hardwire it to your vehicle as per the instructions provided by your vehicle manufacturer. Take note that the transmitter can only accept 12V power to the inputs and ground. Constant power is not required.

3. To pair the transmitter to a compatibly receiver
    a. Connect the transmitter into your vehicle
    b. Turn on the left turn signal of your vehicle
    c. Power on the receiver
    d. Wait for the boot up sequence to take place on the receiver.
    e. Wait until the receiver starts flashing in sync with the transmitter.
    f. Note: This pairing is one-way, so a single transmitter can be paired with multiple receivers if desired.

These devices comply with part 15 of the FCC rules , as well as the Canadian Science and Economic Development Canada’s licence-exempt RSS(s). Operation is subject to the following two conditions:: (1) the device should not cause harmful interference; and (2) the device must accept any interference received. Including interference that may cause poor operation

Ce matériel est conforme à la partie 15 des règles FCC [et aux critères d 'exemption des licences industrielles canadiennes (RSS)].L 'opération doit satisfaire aux deux conditions suivantes: 1) l' équipement ne doit pas causer d 'interférences nuisibles; et 2) l' équipement doit accepter toute interférence reçue, y compris toute interférence pouvant conduire à des opérations indésirables

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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NOTE: 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 and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

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Integration instructions for host product manufacturers according to KDB 996369 D03 OEM Manual v01

2.2 List of applicable FCC rules[and ISED Radio Standards Specifications]
CFR 47 FCC PART 15 SUBPART C[and RSS-247 Issue2] has been investigated. It is applicable to the modular.

2.3 Specific operational use conditions
This module is stand-alone modular. If the end product will involve the Multiple simultaneously transmitting condition or different operational conditions for a stand-alone modular transmitter in a host, host manufacturer have to consult with module manufacturer for the installation method in end system.

2.4 Limited module procedures
This module is Limited single modular without shielding, host manufacturer have to consult with module manufacturer for the module limiting conditions when integrate the module in the host. module manufacturer should reviews detailed test data or host designs prior to giving the host manufacturer approval.

2.5 Trace antenna designs
Not applicable

2.6 RF exposure considerations
The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.
L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences.
L'appareil peut être utilisé en condition d'exposition portable sans restriction.

2.7 Antennas
This radio transmitter FCC ID: 2AWK3-TBR433TX [IC: 26388-TBR433TX] has been approved by Federal Communications Commission to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Antenna No.	Operate frequency band	Antenna Type	Maximum antenna gain
Antenna 1	2.4GHz – 2.5 GHz	Integral Antenna	0.0 dBi

2.8 Label and compliance information
The final end product must be labeled in a visible area with the following" Contains FCC ID: FCC ID: 2AWK3-TBR433TX" [“Contains IC: 26388-TBR433TX”]

2.9 Information on test modes and additional testing requirements
Host manufacturer is strongly recommended to confirm compliance with FCC/ISED requirements for the transmitter when the module is installed in the host···

2.10 Additional testing, Part 15 Subpart B/ Canadian CAN ICES-003 (B) disclaimer
Host manufacturer is responsible for compliance of the host system with module installed with all other applicable requirements for the system such as Part 15 B/ ICES-003 (B)···.