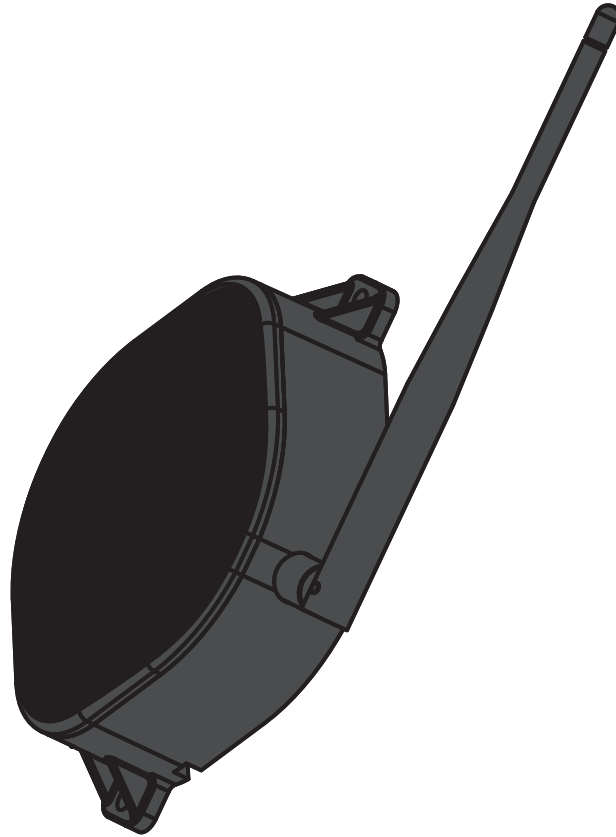




Replacement Kit Instructions
Manuel du kit de remplacement
Instrucciones del kit de reemplazo



Handheld Remote Control Outdoor Transceiver J-Box Assembly

These instructions are to be used with the following Jandy Replacement Kits:

R0441900-- Handheld Remote Control Transceiver J-Box Replacement Kit

R0686300-- Handheld Remote Control Transceiver 18 Channel J-Box Replacement Kit

R0443300-- Handheld Remote Control Transceiver J-Box Hardware Replacement Kit

⚠ WARNING

FOR YOUR SAFETY – This product must be installed and serviced by a contractor who is licensed and qualified in pool equipment by the jurisdiction in which the product will be installed where such state or local requirements exist. The maintainer must be a professional with sufficient experience in pool equipment installation and maintenance so that all of the instructions in this manual can be followed exactly. Before installing this product, read and follow all warning notices and instructions that accompany this product. Failure to follow warning notices and instructions may result in property damage, personal injury, or death. Improper installation and/or operation may void the warranty.



Improper installation and/or operation can create unwanted electrical hazard which may cause serious injury, property damage, or death.

ATTENTION INSTALLER – This manual contains important information about the installation, operation and safe use of this product. This information should be given to the owner/operator of this equipment.

Table of Contents

Section 1. Important Safety Instructions.....	3
Section 2. Remove Existing Transceiver J-Box Assembly.....	4
Section 3. Install New Transceiver J-Box Assembly	5
Section 4. Replace Existing Transceiver J-Box Hardware.....	5
Section 5. Replacement Kits Parts List and Exploded View.....	6

FCC Regulatory Compliance 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.

This device must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines.

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

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 must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

ISED Canada Regulatory Compliance Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-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.

Section 1. Important Safety Instructions

READ AND FOLLOW ALL INSTRUCTIONS

WARNING

FOR YOUR SAFETY - This product must be installed and serviced by a professional pool/spa service technician. The procedures in this instruction sheet must be followed exactly. Ensure that all electrical power to the system is turned off before approaching, inspecting or troubleshooting any leaking valves that may have caused other electrical devices in the surrounding area to get wet. Failure to do so could result in an electrical hazard which could result in death or serious injury due to electrical shock, and may also cause damage to property and/or operation will void the warranty.

CAUTION

ESD Precautions - Electrostatic discharge (ESD) events can harm electronic components inside your device. To prevent ESD damage, you should discharge static electricity from your body before you interact with any of your devices internal electronic components, such as a printed circuit board (PCB) or any connection terminals. You can also take the following steps to prevent damage from electrostatic discharge:

- When unpacking a static-sensitive component from its shipping carton, do not remove the component from the antistatic packing material until you are ready to install the component. Just before unwrapping the antistatic package, be sure to discharge static electricity from your body.
- When transporting a sensitive component, first place it in an antistatic container or packaging.

WARNING

Risk of Electric Shock which can result in Serious Injury or Death.

Before attempting installation or service, ensure that all power to the circuit supplying power to the system is disconnected or turned off at the circuit breaker.

All wiring must be done in accordance with the National Electric Code (NEC), NFPA-70. In Canada, the Canadian Electrical Code (CEC), CSA C22.1, must be followed. All applicable local installation codes and regulations must be followed.

This document gives instructions for replacing the Jandy Handheld Remote Control Transceiver J-Box assembly, gasket, and screws. These instructions must be followed exactly. Read through the instructions completely before starting the procedure. Please save these instructions.

To identify the parts that are included in your kit, refer to the parts list and exploded view located on page 2 of this manual. If any parts are missing from the kit please call your local Jandy distributor for assistance. For technical assistance please contact our Technical Service Department at (800) 822-7933.

SAVE THESE INSTRUCTIONS

Section 2. Remove Existing Transceiver J-Box Assembly

1. Turn off all power to the power center.
2. Open the door to the power center and remove the dead panel.
3. Disconnect the red four-pin connector from the red terminal bar located on the power center PCB (see Figure 1).
4. Disconnect the four conductor wire from the red four-pin connector. Set aside the red four-pin connector.
5. Carefully, pull the four conductor wire through the low voltage raceway and out of the power center.
6. On the transceiver J-Box, remove the existing two (2) screws that secure the J-Box to the mounting surface. Then, remove the transceiver J-Box from the mounting surface.

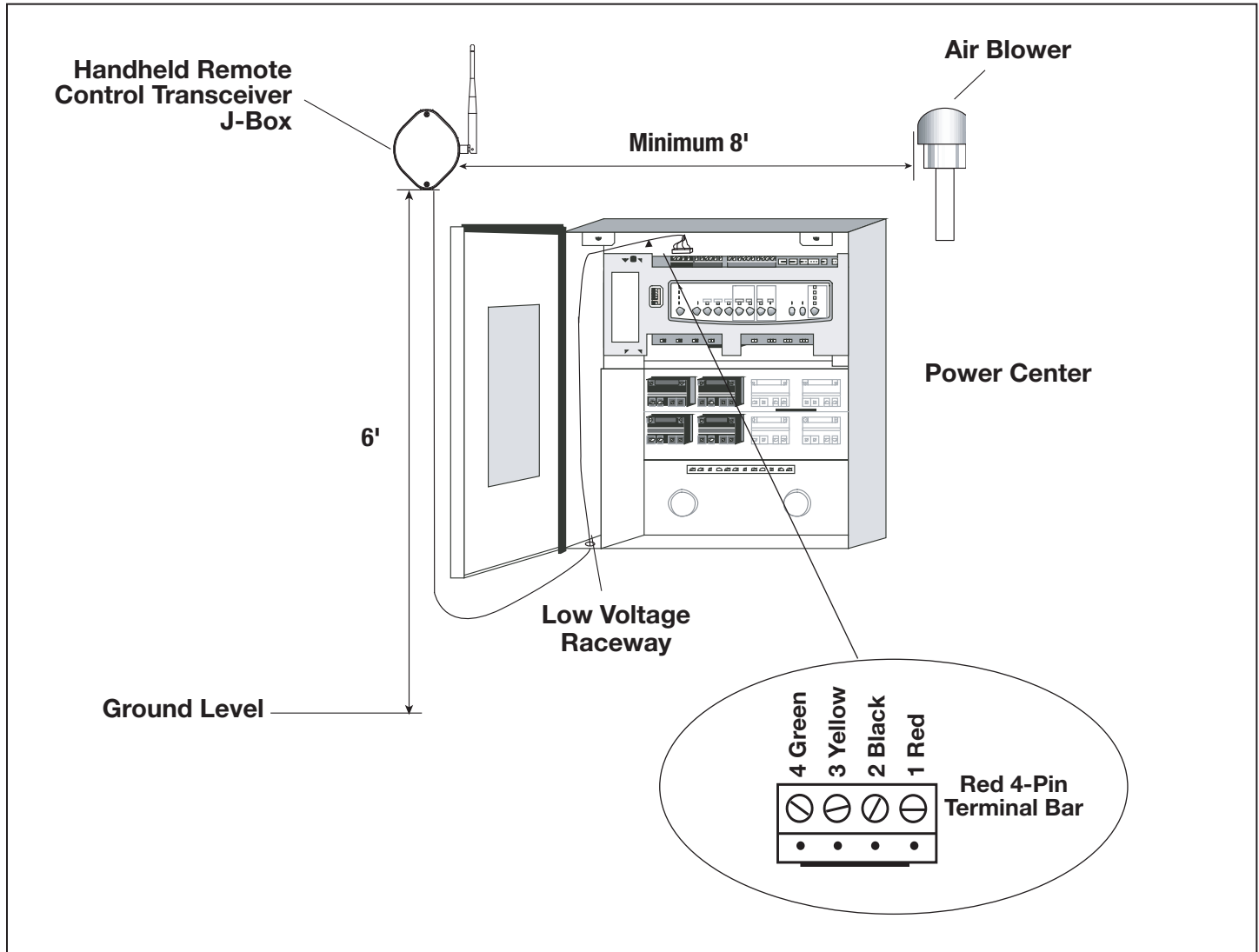


Figure 1. Transceiver J-Box Installation

Section 3. Install New Transceiver J-Box Assembly

1. Remove the new transceiver J-Box assembly from the packaging.
2. Remove the two (2) new mounting screws from the packaging.
3. Using the existing mounting holes and the new mounting screws, secure the new transceiver J-Box to the mounting surface.

NOTE: For optimal performance, ensure that the transceiver J-Box is mounted at least 6 feet above the ground, and 8 feet from brush-type motors such as blowers, which can cause interference.

4. Feed the four conductor wire into the power center through the low voltage raceway.
5. Connect the four conductor wire to the red four-pin connector that was set aside in the *Remove Existing Transceiver* section.
6. Connect the red four-pin connector to the red terminal bar on the power center PCB.
7. Install the dead panel to the power center and restore all power.

Section 4. Replace Existing Transceiver J-Box Hardware

WARNING

Risk of Electric Shock which can result in Serious Injury or Death. Before attempting installation or service, ensure that all power to the circuit supplying power to the system is disconnected or turned off at the circuit breaker.

All wiring must be done in accordance with the National Electric Code (NEC), NFPA-70. In Canada, the Canadian Electrical Code (CEC), CSA C22.1, must be followed. All applicable local installation codes and regulations must be followed.

NOTE: Use the following procedure only if replacing the transceiver J-Box hardware with Jandy part number R0443300.

1. Turn off all power to the power center.
2. Remove the existing two (2) screws that secure the cover to the transceiver J-Box (see Figure 2). Remove the cover.
3. Remove the existing gasket from the transceiver J-Box.

NOTE: The gasket may have adhered to the cover removed in Step 2.

4. Remove the new gasket from the packaging. Place the gasket on the transceiver J-Box housing. When placing the gasket, ensure that the holes punched out in the gasket line up with the screw holes on the transceiver J-Box housing.
5. Remove the new cover from the packaging.
6. Remove the two (2) new screws from the packaging.
7. Using the new screws, secure the new cover to the transceiver J-Box housing.
8. Restore power to the system.

Section 5. Replacement Kits Parts
List and Exploded View

Key No.	Description	Qty.	Part No.
1	Transceiver J-Box Assembly w/ Antenna, Cable	1	R0441900
	Mounting Screws	2	
1	Transceiver 18 Channel J-Box Assembly w/ Antenna, Cable	1	R0686300
	Mounting Screws	2	
2	Transceiver J-Box Cover	1	R0443300
	Gasket	1	
	Screws	2	

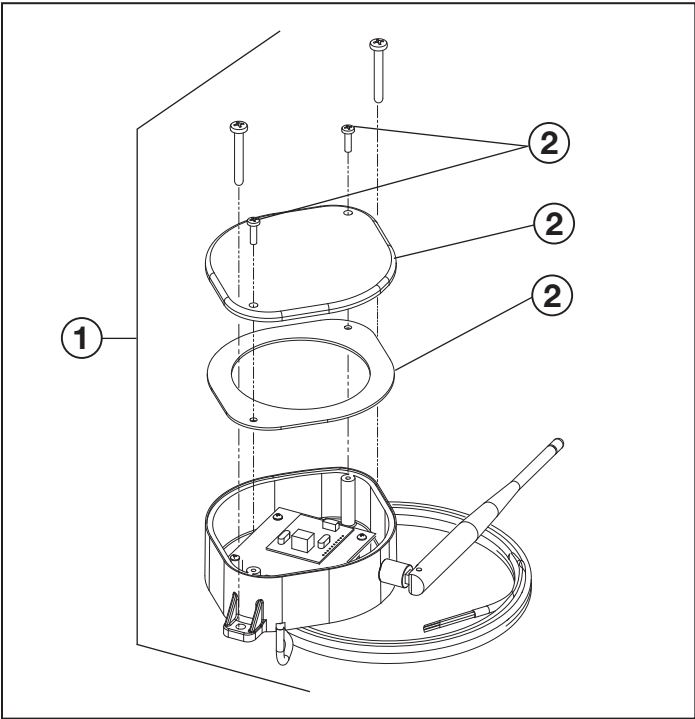


Figure 2. Transceiver J-Box Exploded View

NOTES

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H0572700_REVE

FRENCH TRANSLATION

Déclaration de conformité réglementaire de la FCC

Cet appareil est conforme à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférences nuisibles, et
- (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

Cet appareil doit être installé pour fournir une distance de séparation d'au moins 20 cm de toutes les personnes et ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou émetteur.

ATTENTION : les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à faire fonctionner l'équipement.

REMARQUE : cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en éteignant et en rallumant l'équipement, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

Réorientez ou déplacez l'antenne de réception.

Augmentez la distance entre l'équipement et le récepteur.

Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.

Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Cet appareil doit être installé pour fournir une distance de séparation d'au moins 20 cm de toutes les personnes et ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou émetteur.

Déclaration de conformité réglementaire d'ISDE Canada

Cet appareil contient un ou des émetteurs/récepteurs exempts de licence conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :

1. Cet appareil ne doit pas causer d'interférences.
2. Cet appareil doit accepter toutes les interférences, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

(FRENCH TRANSLATION OF FULL MANUAL PENDING)