

Titan Wireless Gateway Family - Cable Replacement Kit

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Revision History

| DATE | REV | REASON |
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| January 20, 2014 | A | Initial Document Release - JC |
| March 12, 2018 | B | Updated to support all Titan Gateways - JC |

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1 INTRODUCTION

1.1 Purpose

This document will detail how to replace the Gateway to LIFEPAK® Connection Cable for the Titan Wireless Gateway family of products.

1.2 Contents of this Cable Replacement Kit

The Cable Replacement Kit contains the following components. Please verify all components are present, in the quantities stated, before proceeding to replace your damaged cable.

1. 1 x Gateway to LIFEPAK Connection Replacement Cable
2. 5 x Plastic Rivets (in a plastic pouch)
3. 1 x Piece Aluminum Foil Tape (in a plastic pouch)
4. 1 x CDROM



1.3 Tools Required / Suggested

Have on hand the recommended required tools.

1. Small Side Cutter
2. Small Flat Head Screwdriver
3. Tweezers



2 CABLE REPLACEMENT INSTRUCTIONS

2.1 Gateway Disassembly

1. Have on hand, the recommended required tools.
2. Disconnect the Gateway to LIFEPAK Connection Cable from the Gateway to the LIFEPAK monitor.
3. Remove the Gateway from the side pouch of the LIFEPAK monitor.
4. Orient the clam shell case such that the bottoms of the rivets are facing upwards to facilitate removal.



5. Determine whether your Gateway has glued rivets or not. Only the Titan II Wireless Gateway (MPC15000-001) and the Titan II Wireless Audio Gateway (MPC15001-001) have two of their rivets glued. Examine the rivet closest to where the cable exits the Gateway, as this rivet may be glued. As well, identify the rivet diagonally opposite to the rivet closest to where the cable exits the Gateway, as this rivet may also be glued.



Gateway with glued rivets



Gateway without glued rivets

Use the small side cutters and snip these two rivets now. For the remaining two rivets without glue, these can either be snipped off, or easily removed. To remove, using the small flat head screwdriver, press the center pin of the expanded rivet downwards such that it unlocks the rivet.

To note, if your Gateway has a warning label indicating the warranty is void if opened, you can be reassured your warranty remains valid after replacing the connector cable, provided the silverbox has not been opened or tampered with.

6. If your Gateway does NOT have any glued rivets, these are easily removed. Using the small flat head screwdriver, press the center pin of the expanded rivet downwards, such that it unlocks the rivet. Repeat this process for all four rivets.



7. Once all four rivets have been unlocked or snipped, invert the clam shell case such that the rivets may be grasped for removal with the tweezers. Using the tweezers, remove all four rivets by simply pulling them up. If your rivets are undamaged, you may reuse the rivets removed or replace them with the ones provided. Five (5) rivets are included in your cable replacement kit; a maximum of 4 are required to close the clamshell.



9. Now that all four rivets have been removed, grasp the clam shell case, and invert the case. The bottom case of the clam shell will now be facing up.



10. Using one hand, gently separate the clam shell by lifting the bottom side of the clam shell upwards.



11. You should now observe the internal components of the Gateway. Note the routing of the Gateway to LIFEPAK Connection Cable. When replacing this cable, you will need to follow this same routing in order to close the clamshell. The product displayed is a Titan Wireless Audio Cellular Gateway. If you have a non-cellular Gateway; it will not contain the white cellular antenna. If you have a non-audio Gateway, it will not contain the audio cable and fastening tapes. Proceed to step 13 if your Gateway does not contain the audio feature.



12. Complete this step if you have an Ositech Titan Gateway with Audio Feature. Observe the two aluminum foil tapes. Note the location and remove the tape that covers the Microphone connector where it enters the silverbox. The other tape must be left in place. After you have removed the aluminum foil tape, unplug the microphone cable from the silverbox.



13. Lift the silverbox slightly to give you access to the Gateway to LIFEPAK Connection Cable screws. Unscrew the Gateway to LIFEPAK Connection Cable connector from the silverbox. Once disconnected, please discard this cable, and do NOT attempt to reuse a non functional or damaged cable assembly.



2.2 Gateway Reassembly

1. Prepare for cable replacement. Attach the new cable replacement to the Gateway to LIFEPAK Connection Cable connector on the Gateway silverbox. Hand tighten both screws on the replacement cable securely. Proceed to step 4 if your Gateway does not contain the audio feature.



2. Complete this step if you have an Ositech Titan Gateway with Audio Feature. Reconnect the microphone cable into the silverbox. The microphone plug MUST be fully and firmly seated all the way, else audio will not be recorded. At this point, note the placement of the aluminum foil tape, which should be slightly lifted at this point. Carefully, remove the aluminum foil tape. Using the aluminum foil tape provided in your cable replacement kit, secure the microphone cable in place.



This is a close up view of how the aluminum foil tape should be oriented, with respect to the microphone cable. Make sure that the foil tape is applied such that it would prevent the connector from becoming unseated.



4. Next, ensure all cables, connectors and antennae are fully seated and secured to the Gateway. Once you have verified all connections are secure, you will need to route the Gateway to LIFEPAK Connection Cable properly. Note the USB cable is routed under the Gateway to LIFEPAK Connection Cable. On earlier units, the USB cable was not looped so it can not be routed under the Gateway to LIFEPAK Connection Cable.



5. Prepare to close the clam shell case.



6. Close the clam shell case. Ensure the Gateway to LIFEPAK Connection Cable exiting the Gateway is not being pinched at this time.



7. Invert the Gateway, so that the rivets can be reinserted into the clam shell case. Insert all four rivets, and make sure you push them fully into the clam shell case. You may use the tweezers to insert the rivets, and then press on the rivet head to ensure that the rivets are fully seated and locked into place. The rivets will automatically lock into place, once they have been fully inserted and seated.



8. Grasp the Gateway, and examine the plexiglass window. Ensure the SIM Card slot cover is in place (if cellular equipped), and that the clam shell case is locked and secure. If you have any problems here, return to step 4.





9. At this point, you are encouraged to connect your Gateway to a PC, and perform a connection test. This will verify connectivity to your PC.

Lastly, connect your Gateway to a LIFEPAK monitor, and perform a test transmission, to verify the overall operations of your Gateway, since you have replaced the Gateway to LIFEPAK Connection Cable. If your Gateway is audio capable, ensure your test transmission includes an audio transmission.

Upon a successful test transmission, you may then replace the Gateway in the side pouch of your LIFEPAK monitor and return the monitor to normal operations.

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3 TECHNICAL SUPPORT

Should you require any technical assistance with your Titan Wireless Gateway family Replacement Cable Kit, or if you have any questions or concerns, feel to contact Ositech Communications Technical Support at your convenience.

The hours for live technical support are from 9am to 6pm Eastern Time, Monday through Friday. The number for Ositech Communications Technical Support is 1-888-674-8324.

Alternatively, if you would prefer to send an email to Ositech Communications Technical Support, the email address is support@ositech.com.

**Manufactured by:
Ositech Communications, Inc.
430 Laird Road, Units 5-7
Guelph, Ontario
N1G 3X7**

4 REPLACEMENT CABLE WARRANTY

OSITECH LIMITED WARRANTY

HARDWARE

OSITECH COMMUNICATIONS INC. warrants each new Ositech Product sold by Ositech to be free from defective material and workmanship. **OSITECH** agrees to remedy in accordance with terms specified below, any such defect which is disclosed under conditions of normal installation, use and service. To exercise this warranty the purchaser must deliver the unit intact for examination, with all transportation charges prepaid to a servicing site designated by **OSITECH**.

This warranty does not apply if the Product has been modified or subjected to misuse, neglect, or accident; or if the Product has been repaired or altered by an unauthorized service depot so that its performance or reliability has been impaired; or if the Product has had the serial number altered, effaced or removed; or if it has been damaged by accessories, peripherals, and other attachments not approved by **OSITECH**.

The specific terms of the warranty are as follows:

- 1. The warranty period commences on the date the purchased unit is shipped to the purchaser by OSITECH or an Authorized Reseller of OSITECH or by a transportation common carrier acting on OSITECH's behalf.**
- 2. This warranty agreement only applies to the original purchaser. However when an Authorized Reseller of OSITECH resells the Products, pursuant to its rights hereunder, the said warranty shall apply to any person or corporations which purchase such Products from the Reseller.**
- 3. For Products containing active electronics the warranty period is one (1) year. During this warranty period OSITECH will be responsible for both material and labour required to affect all repairs under terms of this warranty agreement, provided the unit is returned to OSITECH as specified above.**
- 4. For Products not containing active electronics the warranty period is ninety (90) days. During this warranty period OSITECH will be responsible for both material and labour required to affect all repairs under terms of this warranty agreement, provided the unit is returned to OSITECH as specified above.**

This warranty is in lieu of all other warranties, expressed or implied and no representative or person is authorized to assume for **OSITECH** any other liability in connection with the sale of equipment.

IN NO EVENT SHALL OSITECH BE LIABLE, WHETHER IN CONTRACT OR IN TORT OR ON ANY OTHER BASIS, FOR ANY DAMAGES SUSTAINED BY THE PURCHASER OR ANY OTHER PERSON ARISING FROM OR RELATED TO LOSS OF USE, FAILURE OR INTERRUPTION IN OPERATION OF ANY OSITECH PRODUCTS, OR DELAY IN MAINTENANCE OR FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES OR LIABILITIES, OR FOR LOSS OF REVENUE, LOSS OF BUSINESS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, LEASE MAINTENANCE, USE, PERFORMANCE, FAILURE OR INTERRUPTION OF THE PRODUCTS.

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OSITECH products are not designed for use as a component in any life support, life safety, or other comparable application. The products should not be used in any application where the failure of faulty performance of the product might create a risk of personal injury or death. Purchaser assumes all risk of loss, damage or injury alleged to arise from the failure or faulty performance of an Ositech product in any unauthorized application. Purchaser agrees to indemnify and hold harmless Ositech, and its officers, directors, employees, agents, representatives, and sales partners, from and against any and all claims, costs, damages, losses and expenses (including reasonable attorney fees) which arise from or are alleged to have been caused by any claim for personal injury or death connected with Purchaser's use of an Ositech product in any unauthorized application, including claims which allege that Ositech has been negligent in connection with the design or manufacture of the product.

Except as expressly set forth in this warranty, OSITECH makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. OSITECH expressly disclaims all warranties not stated in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this express limited warranty.

This agreement will be governed by the laws of the Province of Ontario, Canada.

YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTAND IT, AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS; YOU FURTHER AGREE THAT IT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN US WHICH SUPERSEDES ANY PROPOSAL OR PRIOR AGREEMENT, ORAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS BETWEEN US RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

Should you have any questions concerning this Agreement, or if you desire to contact OSITECH for any reason, please visit our website at www.ositech.com or write to: OSITECH Communications, Inc. 430 Laird Rd., Units 5-7 Guelph, Ontario, Canada N1G 3X7.

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