

# CHANNEL NEWSLETTER

## NEWS AND UPDATES NOVEMBER 2017



### NEW BATTERY MAINTENANCE MULTI-UNIT CHARGER FOR ATEX BATTERIES NOW RELEASED FOR MOTOTRBO™ AND TETRA RADIO FAMILIES

The new battery Maintenance Multi-Unit Charger solution is an IMPRES™ energy system allowing the preparation of ATEX stand-alone Lithium-ion batteries for bulk shipment or long-term storage.



#### **Lithium Transportation**

The IMPRES Maintenance Charger helps prepare original Motorola Lithium-ion batteries for bulk shipment (more specifically for air shipment) in order to comply with the International Air Transport Association (IATA) regulation stating that lithium ion cells and batteries must be offered for transport at a State of Charge (SoC) not exceeding 30% of their rated design capacity. The Motorola Maintenance Charger sets the State of Charge of the battery to a low value (typically 25% of rated capacity) permitting for bulk air cargo shipment.

#### **Long-Term Storage**

The new Multi-Unit Charger can also be set for long-term storage enabling the IMPRES battery to reach a State of Charge suitable for storage for a long period of time in an environmentally-controlled storage location or facility. Using the display, a series of options allows choosing a default of 50% of rated capacity or customizing the values required based on what is stored in the battery memory. Long-term storage at 75% rated capacity is also available for scenarios requiring the stored battery to be at a higher State of Charge, minimizing full-charge time if the battery must be quickly sent into the field.

Other features include preservation of IMPRES battery data where the data within the battery are not changed and can remain in factory new condition.

As batteries are used, normal wear reduces available capacity. IMPRES end-of-service-life LED indication allows customizing battery fleet deployment based on available capacity and work shift patterns.

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The Maintenance Charger automatically also assesses the condition of an IMPRES battery and alerts the user when their battery requires calibration or reconditioning. That yields charging benefits to the user helping extend their battery life cycle while making their IMPRES ATEX battery purchase a long term investment.

### RADIO BATTERY COMPATIBILITY:

#### MOTOTRBO:

DP4401Ex DP4801Ex ATEX: **NNTN8359**\_ IMPRES ATEX IECEEx Li-Ion Battery 2075mAh

DP4401Ex DP4801Ex Ma ATEX: **NNTN8840**\_ IMPRES ATEX IECEEx Li-Ion Battery 2000mAh

#### TETRA:

MTP8500Ex MTP8550Ex: **NNTN8570**\_ IMPRES ATEX IECEEx Li-Ion Battery 1250mAh

### HIGH LEVEL SPECIFICATIONS:

- Dimensions H x W x D: 116 x 445 x 170 mm
- Weight: 3.9 kg
- No. of Pockets: 6 (takes up to 6 batteries only – not radio compatible)
- Display: 1
- Charger Type: Maintenance only
- Operating voltage AC: 100-240 VAC
- Line Cord: UK, EURO

### ORDERING INFORMATION:

**PMPN4308A** - IMPRES 1-Display Maintenance Multi-Unit Charger with EURO cord

**PMPN4319A** - IMPRES 1-Display Maintenance Multi-Unit Charger with UK cord

**BR000271A01** – Wall Mount bracket for Maintenance 6-Way Multi-Unit Charger