



# TEAM ENTERPRISE WIRELESS BADGE

EWB100 miniature push-to-talk (PTT) over WLAN voice communicator

## IMPROVE THE PRODUCTIVITY OF TASK WORKERS INSIDE THE FOUR WALLS WITH COST-EFFECTIVE PUSH-TO-TALK VOICE COMMUNICATIONS

The miniature TEAM badge (EWB100) brings a new level of portability and affordability to mobile voice, enabling easy deployment of cost-effective basic PTT voice communications to task workers inside the enterprise walls, within a single subnet, over virtually any 802.11b/g wireless LAN (WLAN). Weighing in at just over an ounce and a half, the tiny TEAM badge integrates a Wi-Fi radio, microphone, speaker and headset jack — yet is only 2.5 in. x 1.5 in. / 6.35cm x 3.8 cm. Now, employees can receive, place and respond to PTT broadcast calls as well as privately respond to a caller. As a result, annoying overhead paging systems can be eliminated, and task management and employee productivity are improved.

## EASY TO DEPLOY

Extraordinarily easy to implement, the TEAM badge integrates effortlessly with your existing WLAN architecture — no servers or PBX integration required. The PTT client software is already loaded on the TEAM badge — and with the included deployment application, your TEAM badge will be up and running in minutes. Simply load and launch the application on any PC, enter your network name and security settings, create talk groups and select the desired talk groups for specific devices.

## ENABLE COST-EFFICIENT PTT COMMUNICATIONS BETWEEN MOTOROLA MOBILE VOICE-ENABLED DEVICES — AND IMPROVE EFFICIENCY ACROSS OPERATIONS

Maximize the value of your mobility investment by enabling push-to-talk communications between the TEAM badge and existing Motorola mobile computers, TEAM VoWLAN smartphones and two-way radios, allowing workers with different devices to reach each other easily and instantly.\* The resulting ability to create integrated cross-functional workgroups helps ensure supervisors and employees can easily reach each other with the press of a button, improving overall operational efficiency and the effectiveness of your workforce — as well as the return on investment (ROI) for your other Motorola mobile devices.

## TRULY WEARABLE — AND EASY TO USE

The unobtrusive and lightweight TEAM badge (EWB100) can be clipped on a shirt or worn around the neck or wrist with an optional lanyard. Intuitive walkie-talkie style communications and the simple 5-button interface is easy to use, virtually eliminating user training. For outbound group communications, the press of a button allows workers to scroll through and select the desired talk group (up to 32 available). The battery can provide power for a full 10 hour shift, further simplifying operation. Workers simply place the TEAM badge in the charger at the end of a shift — no battery management required at the user level.

## FEATURES

**Small, compact and lightweight:** just 1.6 oz./ 45.37g — and 2.5 in. L x 1.5 in W / 6.35 cm L x 3.81 cm W with integrated rotating clip and accessory attachment point

Brings a new miniature form factor to voice; unobtrusive in any environment; easy to carry — can be clipped to a shirt or belt, tucked in a pocket or attached to a neck or wrist lanyard

### **Push-to-Talk over WLAN**

Provides convenient PTT communications for up to 63 users without the need for additional infrastructure; allows employees to address issues, answer questions, obtain a task or report completion of a task, right on the spot — no need to search for a phone, supervisor or co-worker; reduces or even eliminates the need for annoying overhead paging systems

**PRODUCT SPEC SHEET**  
**TEAM ENTERPRISE WIRELESS BADGE**

**802.11b/g**

Wi-Fi compatibility allows you to leverage your existing WLAN; enables cost-effective voice wherever you have WLAN coverage

**IP54 sealing**

Delivers reliable performance despite exposure to dust and spills; enables wipe downs — ideal in environments where a single TEAM badge is utilized by multiple workers

**5 ft./1.5m drop specification**

Provides reliable operation despite drops and bumps

**590mAh Li-ion internal battery**

Provides ample power for extended shifts

**Sealed headset jack**

Highly durable headset jack supports multiple headset options (with adapter); 15,000 insertion rating protects the reliability and quality of the voice connection throughout the life of the device; built in breakaway improves worker safety

**Simple 5-button user interface**

Easy to use and highly intuitive, practically eliminating the need for training

**BUILT TO LAST WITH ENTERPRISE DURABILITY**

The TEAM badge is built to endure all-day everyday use on the retail floor. The 5 ft./1.5 m drop specification provides dependable performance in spite of the inevitable drops and bumps. IP54 sealing allows the TEAM badge to endure exposure to dust, liquid spills and a wipe down at the end of each shift — especially critical when workers share a single pool of devices. And the sealed industrial headset adapter — complete with a built-in breakaway feature for user safety — provides a quality connection for the private communications that are crucial in sensitive environments.

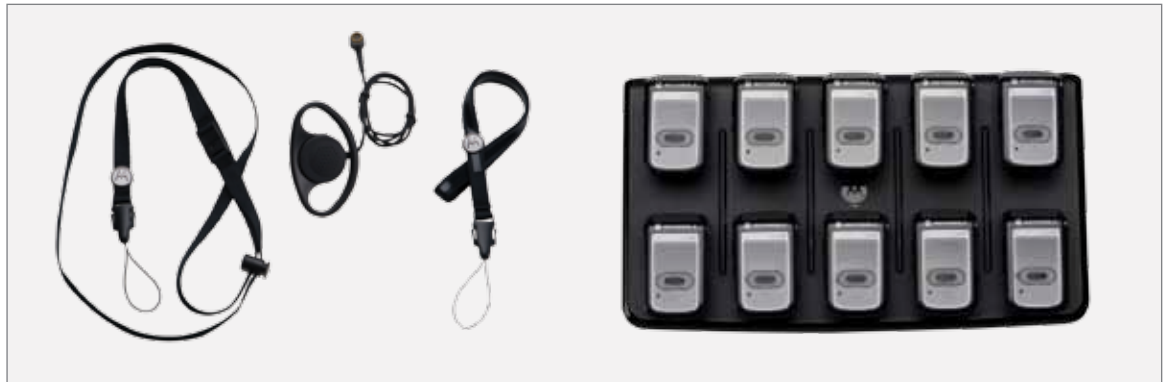
**OUTSTANDING RETURN ON INVESTMENT (ROI), TOTAL COST OF OWNERSHIP (TCO)...AND UPTIME**

The ability to put cost-effective voice in the hands of virtually every mobile worker inside your four walls strengthens and improves collaboration across your workforce. Processes are streamlined, staff utilization is increased and service and satisfaction levels are improved. Easy integration with your

existing technology infrastructure improves the ROI on your existing wireless LAN and Motorola mobile devices. (note: wireless coverage must be planned for all areas requiring voice services). In addition, Motorola's Service from the Start Advance Exchange Support helps keep your TEAM badges in the hands of your employees, minimizing downtime with next-business-day replacement of any devices that require repair. This unique program includes Comprehensive Coverage, providing end-to-end and inside-outside protection for your TEAM badges Unexpected repair expenses are significantly reduced, providing service peace of mind from the date of purchase. And technical software support helps keep your devices running at optimal efficiency — and your employees connected to your critical business systems.

For more information on how the TEAM badge can help improve efficiency in your enterprise, access our global contact directory at [www.motorola.com/enterprisemobility/contactus](http://www.motorola.com/enterprisemobility/contactus) or visit [www.motorola.com/teambadge](http://www.motorola.com/teambadge)

**TEAM Badge (EWB100) Accessories**



The TEAM badge accessory family offers everything you need to support your TEAM badge deployment — including a 10-dock charging station, easy-wear wrist and neck lanyards as well as headsets for hands-free voice communications.

\* The optional Radio Link Solution (RLS) is required for communications with supported Motorola two-way radios; the TEAM Express client is required for communications with supported Motorola mobile computers.

# MOTOROLA TEAM BADGE (EWB100) SPECIFICATIONS

## PHYSICAL CHARACTERISTICS

Dimensions:	2.5 in. H x 1.5 in. W x 1.01 in. D 6.35cm H x 3.81cm W x 2.56cm D
Notification:	LED flash, Beep or WAV file
Weight:	1.6 oz./45.37g
<b>Power</b>	
Main Battery:	590mAh Li-ion battery (internal)
Battery Life:	10/50 Hours (Talk/Standby)*

## USER ENVIRONMENT

Drop Specifications:	5 ft./1.5m drop to concrete, 6 drops per 6 sides at room temperature; 4 ft./1.2m drop to concrete across the temperature range
Operating Temp.:	14° F to 104° F/-10° C to 40° C
Storage Temp.:	-40° F to 158° C /-40° C to 70° C
Sealing:	IP54

## WIRELESS LAN DATA AND VOICE COMMUNICATIONS

Antenna:	Internal
Data rates:	802.11b: up to 11 Mbps; 802.11g: up to 54Mbps
Frequency range:	All country dependent: 802.11b – 2.4GHz; 802.11g – 2.4GHz
Output power:	100mW U.S. and international
Voice services:	Walkie-talkie style (1:Many) and private response; supports up to 63 users and 32 call groups
WLAN:	IEEE® 802.11b/g Communications within a single WLAN subnet

Interoperability:	Motorola Mobile Computers (requires purchase/download of TEAM Express Client): <ul style="list-style-type: none"> <li>• MC 3090 – Windows® Mobile® 6.1; Windows CE 5.0</li> <li>• MC3190 – Windows Mobile 6.1; Windows CE6.0</li> <li>• MC5574/90 – Windows Mobile 6.1</li> <li>• MC7090/94/95 – Windows Mobile 6.1; MC70 – Windows CE5.0</li> <li>• MC7596/98 – Windows Mobile 6.1</li> <li>• MC9090/94 – Windows Mobile 6.1; MC9090 – Windows CE5.0</li> <li>• MC9590/96 - Windows Mobile 6.1</li> <li>• VC5090 – Windows CE 5.0</li> <li>• VC6096 – Windows Mobile 6.1</li> <li>• WT4090 – Windows CE 5.0</li> </ul>
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TEAM VoWLAN Smartphone (EWP2XXX/3XXX,  
– client is pre-loaded (included)

Two-way radios (requires TEAM Radio Link Solution [RLS] – see RLS spec sheet for further information)

## ACCESSORIES

10-dock charging station, headsets, wrist and neck lanyards

## SECURITY

Open (no security), WEP 128 bit, WPA-PSK (TKIP) and WPA2-PSK (AES)

## REGULATORY

EMC:	ICES 003 Class B, FCC Part 15 Class B
Electrical Safety:	EN 60950-1, C22.2 No. 60950-1, UL 60950-1, IEC 60950-1
Environmental:	RoHS Directive 2002/95/EEC
RF Exposure:	FCC Part 2, OET Bulletin 65, RSS102

## WARRANTY

The TEAM Badge (EWB100) is warranted against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

## RECOMMENDED SERVICES

Customer Services: Service from the Start Advance Exchange Support

*The TEAM badge is designed to provide instant PTT communications to users operating within a single WLAN subnet.*

### Top-facing speaker

Directs sound toward the user for peak acoustics; improves ease of use and helps ensure workers can easily hear incoming calls

### High quality speaker and microphone

Motorola-class acoustic performance; easy to hear, even in noisy environments; based on best-in-class specifications for loudness, frequency response, distortion and echo/noise suppression technologies

\*Talk and Standby times vary based on shift and infrastructure profiles

**PRODUCT SPEC SHEET**  
TEAM ENTERPRISE WIRELESS BADGE

For more information on the TEAM Enterprise Wireless Badge, visit our global contact directory at [www.motorola.com/enterprise/contactus](http://www.motorola.com/enterprise/contactus), or visit us on the Web at [www.motorola.com/team](http://www.motorola.com/team)

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