

**MAIN TECH SPECS - TRANSMITTER DEM 30T**

|                           |  |
|---------------------------|--|
| Available frequency bands | 823-832 MHz / 863-865 MHz                  |
| Channels                  | 96 (8 groups with 12 channels each)        |
| Frequency response        | 60 Hz - 15 kHz ( $\pm 3$ dB)               |
| RF power                  | 10 mW                                      |
| Front panel controls      | Headphone volume, In. level, SET, up, down |
| Rear panel controls       | PAD switch                                 |
| Dimensions (mm)   [inch.] | 212 x 44 x 96 [8.34" x 1.73" x 3.77"]      |
| Weight (g) [oz.]          | 560 [19.7]                                 |

**MAIN TECH SPECS - BODYPACK RECEIVER DEM 30R**

|                           |                                      |
|---------------------------|--------------------------------------|
| Frequency response        | 50 Hz - 15 kHz ( $\pm 3$ dB)         |
| Output                    | stereo 3.5 mm mini-jack type         |
| Controls                  | Volume, up, down, ESC, set           |
| Power supply              | 2 AA LR6 1.5 V batteries             |
| Dimensions (mm)   [inch.] | 64 x 90 x 23 [2.51" x 0.91" x 3.54"] |
| Weight (g) [oz.]          | 95 [0.09]                            |

**MAIN TECH SPECS - EARPHONES DEM 30E (INCLUDED)**

|              |  |
|--------------|--|
| Impedance    | 16 $\Omega$ ( $\pm 15\%$ ) [ @ 1 kHz, 1 mW ] |
| Sensitivity  | 92.5 ( $\pm 3$ ) dB [ @ 1 kHz, 1 mW ]        |
| Ear plugs    | 3 pairs, interchangeable                     |
| Cable lenght | $\approx$ 1300 mm                            |

**RED CERTIFICATION**

This equipment is in conformity with RED directive 2014/53/EU in reference to the following harmonized standards:  
 Health & Safety EN 62479 / EN 60950-1+A11+A1+A12+A2  
 EMC EN 301 489-1 v2.2.0, EN 301 489-9 v2.1.1,  
 Spectrum EN 300 422-1 v2.1.2

**SIMPLIFIED EU DECLARATION OF CONFORMITY**

Hereby, AEB Industriale declares that the radio equipment DEM 30 SYSTEM is in compliance with Directive 2014/53/EU.  
 The full text of the EU declaration of conformity is available at the following internet address: <http://www.dbtechnologies.com/it/downloads/>

Scan with your QR reader App to download the complete user manual and the full text of the EU declaration of conformity.

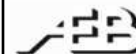


Check the complete user manual on [www.dbtechnologies.com](http://www.dbtechnologies.com) for further information about the system and available accessories.

*Features, specification and appearance of products are subject to change without notice. dBTechnologies reserves the right to make changes or improvements in design or manufacturing without assuming any obligation to change or improve products previously manufactured.*

**DEM 30 - UHF IN-EAR MONITOR SYSTEM****QUICKSTART USER MANUAL  
Section 1**

The warnings in this manual must be observed together with the "USER MANUAL - Section 2".  
 Le avvertenze nel presente manuale devono essere osservate congiuntamente al "MANUALE D'USO - Sezione 2".  
 Die Warnungen in diesem Handbuch müssen in Verbindung mit der "BEDIENUNGSANLEITUNG - Abschnitt 2" beobachtet werden".  
 Les avertissements spécifiés dans ce manuel doivent être respectés ainsi que les "CARACTERISTIQUES TECHNIQUES -Section 2"  
 Las advertencias del presente manual se deben tener en cuenta conjuntamente con las del "MANUAL DEL USUARIO" - Sección 2".



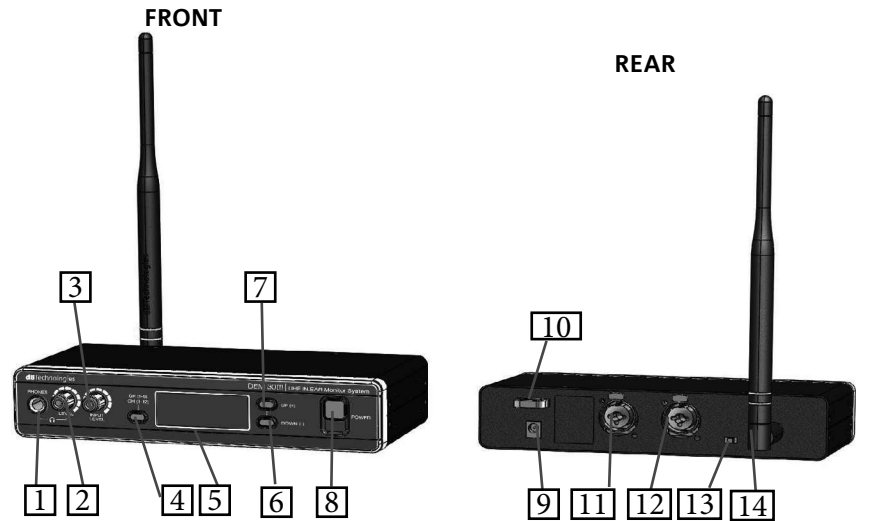
**Thank you for choosing a dBTechnologies Product!**

DEM 30 is a compact and high quality UHF in-ear monitor system. The range of frequency is: 823-832 MHz + 863-865 MHz. Some useful parameters (for example EQ presets) can be directly chosen on the receiver. The included earphones complete the set, together with interchangeable ear pads.

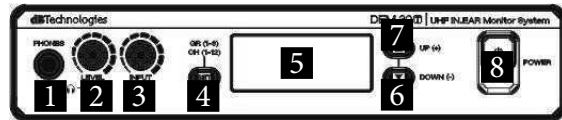
**PACKAGE CONTENT**

- DEM 30T transmitter
- Antenna with BNC connector
- DEM 30R receiver
- Power adapter
- DEM 30E earphones with interchangeable ear pads
- Batteries
- 2x19" rack mounting kit
- This quickstart e warranty/ documentation

**DEM 30T (TRANSMITTER)**



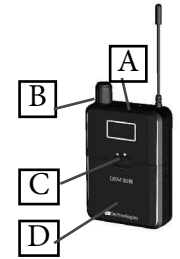
1. PHONES CONNECTOR
2. HEADPHONE LEVEL
3. INPUT LEVEL
4. SET BUTTON
5. DISPLAY
6. DOWN BUTTON
7. UP BUTTON
8. POWER BUTTON
9. POWER SOCKET
10. CABLE LOOKER
11. COMBO AF1 INPUT
12. COMBO AF2 INPUT
13. PAD SELECTOR (0, -12 dB)
14. ANTENNA



**FIRST TURN ON**

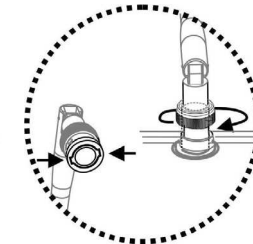
**On the receiver (DEM 30R):**

- Open the **D** battery cover and insert the supplied batteries
- Insert the earphones connector in the **A** socket
- Turn clockwise the **B** power switch / volume control



**On the transmitter (DEM 30T):**

- Insert and rotate the antenna **14** as shown in the below picture
- Connect the mixer outputs to the AF1 AF2 input connectors (**10-11**) of the transmitter.
- Plug the power supply in the socket **9**.
- Push the "ON" **8** button for about 2 seconds
- Use the function "SET" button **4** to adjust the transmitter parameter, using the buttons **6** and **7** to increase/ decrease the values



- A. 3.5 mm MINI JACK CONNECTOR
- B. POWER SWITCH /VOLUME
- C. UP/DOWN
- D. BATTERY COVER

**MAIN SCREENS FUNCTIONS**

- U - AF levels (stereo/mono)
- V - GROUP - CHANNEL number
- W - STEREO/MONO mode
- X - BATTERY CHARGE LEVEL
- Y - SIGNAL RECEPTION LEVEL
- Z - FUNCTION SELECTIONS (STEREO/TONE/LIMITER/MIX)

