

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 (± 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 (± 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 Ω ($\pm 15\%$) [@ 1 kHz, 1 mW]
Sensitivity	92.5 (± 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.

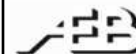


Check the complete user manual on www.dbtechnologies.com for further information about the system and available accessories.

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".



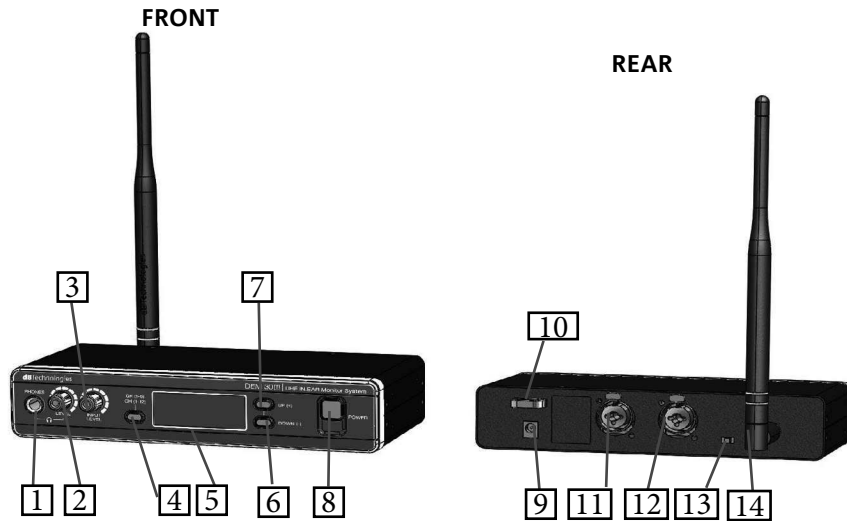
Thank you for choosing a dBTechnologies Product!

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.

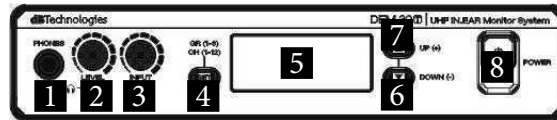
PACKAGE CONTENT

- 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)



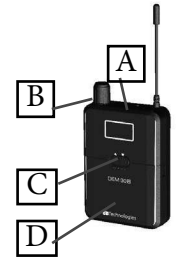
1. PHONES CONNECTOR
2. HEADPHONE LEVEL
3. INPUT LEVEL
4. SET BUTTON
5. DISPLAY
6. DOWN BUTTON
7. UP BUTTON
8. POWER BUTTON
9. POWER SOCKET
10. CABLE LOOKER
11. COMBO AF1 INPUT
12. COMBO AF2 INPUT
13. PAD SELECTOR (0, -12 dB)
14. ANTENNA



FIRST TURN ON

On the receiver (DEM 30R):

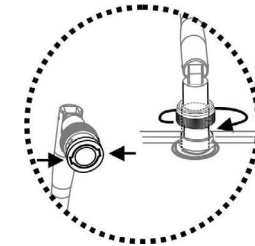
- Open the **D** battery cover and insert the supplied batteries
- Insert the earphones connector in the **A** socket
- Turn clockwise the **B** power switch / volume control



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

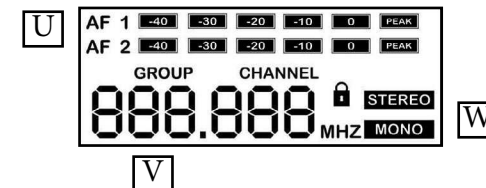
- A. 3.5 mm MINI JACK CONNECTOR
- B. POWER SWITCH /VOLUME
- C. UP/DOWN
- D. BATTERY COVER



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)

TRANSMITTER



RECEIVER

