AED Plus®

Trainer2

Guidance and Manufacturer's Declaration –
Electromagnetic (EMC) Emissions
Electromagnetic Immunity
Recommended Separation Distances

Warning	Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this document.
Warning	Portable and Mobile RF Communications equipment can affect Medical Electrical Equipment.

ZOLL®

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Guidance and Manufacturer's Declaration -- Electromagnetic EMISSIONS

The AED Plus ® Trainer2 is intended for use in the electromagnetic environment specified below. The customer or user of the AED Plus Trainer2 should ensure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic Environment - Guidance
RF Emissions CISPR 11	Group 1	The AED Plus Trainer2 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Emissions CISPR 11	Class B	The AED Plus Trainer2 is suitable for use in all establishments, including domestic, and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonics IEC 6100-3-2	N/A	The AED Plus Trainer2 is powered by internal batteries, and makes no connection to the AC main.
Flicker IEC 61000-3-3	N/A	

Guidance and Manufacturer's Declaration -- Electromagnetic IMMUNITY (EID)

The AED Plus Trainer2 is intended for use in the electromagnetic environment specified below. The customer or user of the AED Plus Trainer2 should ensure that it is used in such an environment.

Immunity Test	**IEC 60601 Test Level**	**Compliance Level**	**Electromagnetic Environment - Guidance**
ESD IEC 61000-4-2	±6kV Contact ±8kV Air	±6kV Contact ±8kV Air	Floors should be wood, concrete or ceramic tile. If floors are synthetic, then r/h should be at least 30%.
RF Emissions CISPR 11	3A/m	3A/m	Power frequency magnetic fields should be that of a typical commercial or hospital environment.
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	(E1)V/m	Portable and mobile communications equipment should be separated from the AED Plus Trainer2 by no less than the distances calculated below: D=(3.5/E1)(Sqrt P) 80 to 800 MHz D=(7/E1)(Sqrt P) 800 MHz to 2.5 GHz where P is the max power in watts and D is the recommended separation distance in meters. Field strengths from fixed transmitters as determined by an electromagnetic site survey should be less than the compliance levels (E1). Interference may occur in the vicinity of equipment containing a transmitter.

Guidance and Manufacturer's Declaration -- Recommended Separation Distances

The AED Plus Trainer2 is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the AED Plus Trainer2 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the AED Plus Trainer2 as recommended below, according to the maximum output power of the communications equipment.

Max Output Power (Watts)	Separation (m) 150kHz to 80 MHz D=(3.5/V1)(Sqrt P)	Separation (m) 80 to 800 MHz D=(3.5/V1)(Sqrt P)	Separation (m) 800MHz to 2.5GHz D=(7/E1)(Sqrt P)
0.01	N/A	0.11667	0.23333
0.1	N/A	0.36894	0.73785
1	N/A	1.1667	2.3333
10	N/A	3.6894	7.3785
100	N/A	11.667	23.333