



LASERFORCE RADIO BASE STATION

USER MANUAL

FCC INFORMATION

Information to the user (FCC Part 15.105)

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Modification Warning (FCC Part 15.21)

Warning: Any changes or modifications not expressly approved by Laserforce International could void the user's authority to operate this equipment.

RADIO BASE STATION

The Laserforce system relies on radio communication between the Battlesuit and the computer. This is achieved through the use of a radio base station which is cabled to the computer and installed by one of our technical personnel upon installation. The radio base station once installed operates without any interaction with the user.



The radio base station in the has a short antenna and operates in the 2.4Ghz frequency band, which is the same frequency as wireless networks and some cordless phones. However, the Laserforce system uses complex error checking to filter out any interference with any other equipment. The Laserforce system also does not interfere with other equipment.

The radio base station requires an Ethernet cable which returns to a POE switch that is in turn connected to the main Laserforce PC. It does not require separate power cabling as the power is supplied over the Ethernet cable by Power-Over-Ethernet POE. The location of the base stations won't be finalised until the installation team has inspected the site. The radio base station is installed by one of our trained technical experts and does not come in contact with the user.

The radio waves of the radio base station are substantially affected by metal surfaces.