



## User Manual for Wireless Footswitch ASSY-000244

### REVISION HISTORY OF THE INSTRUCTION

Originator	Document ID	Date	Description of changes
Radinger	N.A.	02 October 2003	Initial
Radinger		15 October 2003	Added hint to separation distances
Radinger		29 October 2003	Added FCC statements

### Document Control

Drawn	Radinger
Checked	
Approved	

## User Manual Wireless Footswitch

The Wireless footswitch ASSY-000244 can be used with the OraMetrix Scanning Station to control the SureSmile Application program.

### 1.1 Technical Data:

Operating Range: 3m from Scanning Station

Battery Lifetime: At least 5 Years

Used Frequency and Modulation: 916.5MHz AM

Encoding/Decoding: 12Bit Key

### 1.2 Service/Battery replacement:

The wireless footswitch shall only be serviced by Orametrix personnel. The user should never open the device. In case of a malfunction, the device should be sent to OraMetrix for service.

### 1.3 Encoding/Decoding:

All wireless footswitches/receivers are coded with a unique 12Bit code. See serial number of the device for your code. It is not possible to interchange the wireless footswitches between two scanning stations.

### 1.4 Use with other electrical components

Do not co-locate (<200mm distance) or operate the device in conjunction with any other antenna or transmitter.

#### 1.4.1 Minimum separation distances to user

Please provide a minimum separation distance of 200mm from the transmitter to the users body.

#### 1.4.2 Minimum separation distances between footswitch transmitter and receiver

Please provide a minimum separation distance of 200mm from the footswitch transmitter to the receiver.

### 1.5 RF Exposure

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Declaration of Conformity with FCC Rules for Electromagnetic Compatibility

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### **1.6 Federal Communications Commission (FCC) Notice**

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the distance between the equipment and the receiver.
- \* Connect the equipment to an outlet on a circuit different from the outlet where the receiver is connected.
- \* Consult the dealer or an experienced radio/TV technician for assistance.

### **1.7 Modifications**

The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by Orametrix GmbH may void the user's authority to operate the equipment.