Fitness Device
Magellan Switch UP, Switch, N387

User Manual

Certification

Federal Communication Commission Interference Statement

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 and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other aerial or transmitter.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

The Magellan Switch must be installed and operated at a distance no closer then 8 inches (20 cm) from the user.

This Class B digital device meets all requirements of the Canadian Interference-Causing Equipment Regulations.

IC statement

This device complies with Industry Canada licence-exempt RSS-210 & ICES003.

Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.
Son fonctionnement est soumis aux deux conditions suivantes :
(1) cet appareil ne doit pas causer d'interférence et
(2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

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

CE statement

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

EN301489-1: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN301489-17: Electronic compatibility and Radio spectrum Matters (ERM),ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

EN 300 440-2: "Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods".

EN55022: Radio disturbance characteristics

EN55024: Immunity characteristics

EN61000-3-2: Limits for harmonic current emissions

EN61000-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system IEC60950-1+A1:2009: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Hereby, MiTAC International Corporation, declares that this Switch, Switch, N387 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Canada

This Class B digital apparatus complies with Canada ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS-210 & ICES003.
Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.
Son fonctionnement est soumis aux deux conditions suivantes :
(1) cet appareil ne doit pas causer d'interférence et
(2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

The information provided in this document is subject to change without notice. Improvements and enhancements to the product may occur without any formal notification. Check the Magellan website (www.magellanGPS.com) for product updates and additional information.

Maximum normal use temperature is 66°C.

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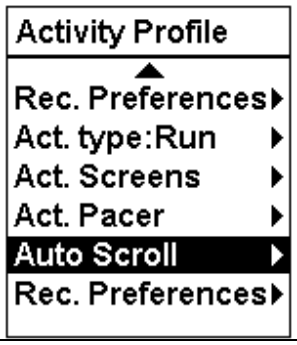
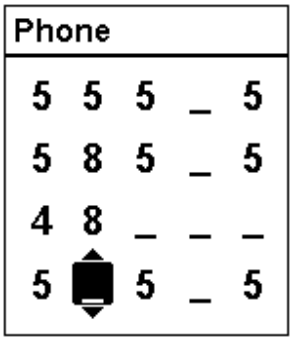
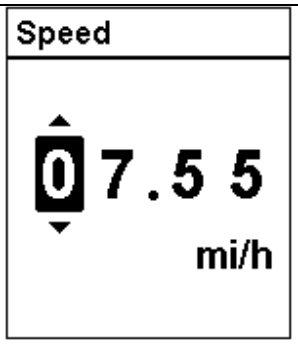
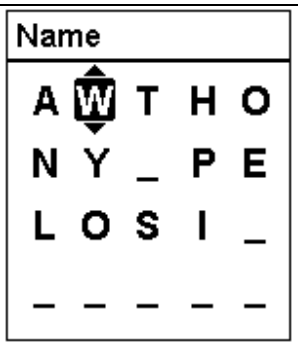
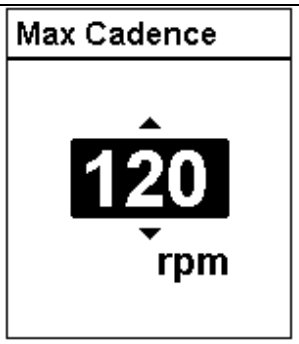
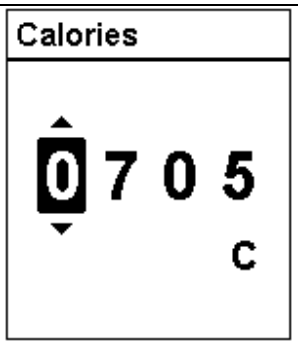
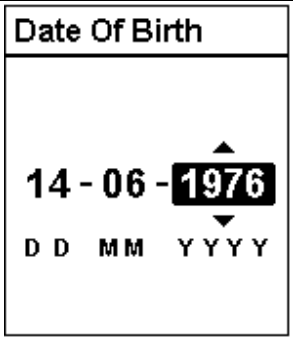
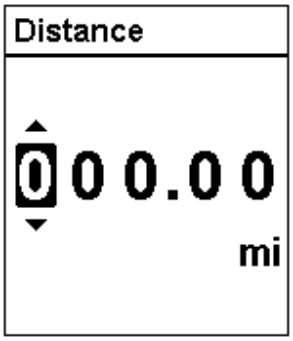
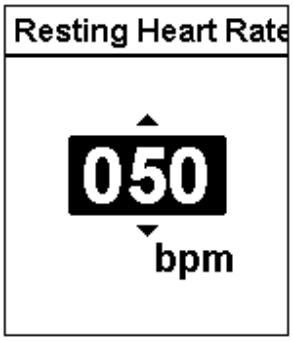
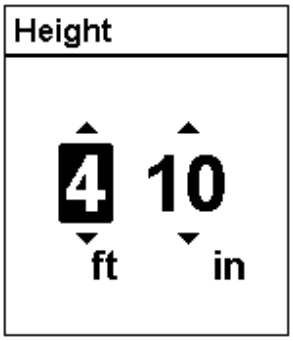
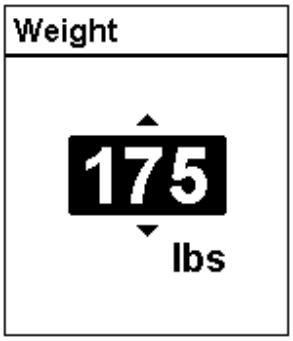
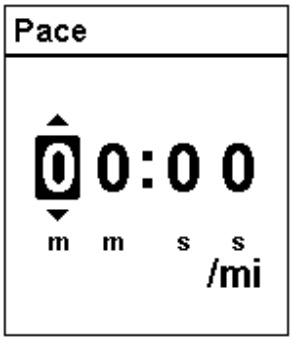
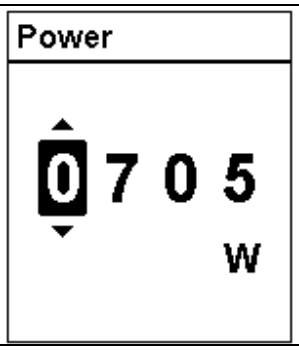
Magellan Switch Screens

Measurement Data Screen The "Measurement Data Screen" is a screen that presents the user with one or more measurements (name, value, units). All Modifiers, Contexts, and Sub-Contexts of Current or Previous (but not Recorded) are applicable. Examples of "Measurement Data Screens" include Activity Data#Activity Data Screens, Activity Pacer#Activity Pacer Screens, and Multisport#Multisport Data Screen.	
Menu Screen	
Phone Input Screen The "Phone Input Screen" is a Value Input Screen that presents the user with the ability to specify the of a phone number preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable phone number field.	

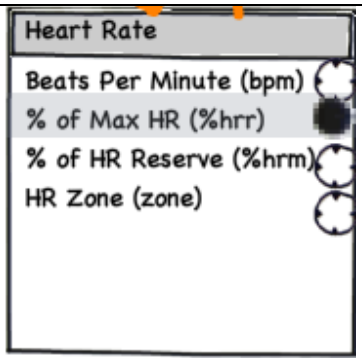
Speed Input Screen The "Speed Input Screen" is a Value Input Screen that presents the user with the ability to specify a Speed-Pace#Speed for setting the value of a Speed-Pace#Speed preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Speed-Pace field and the user's Units of Measurement#Speed-Pace preference is "SPEED".	
Text Input Screen The "Text Input Screen" is a Value Input Screen that presents the user with the ability to specify text for setting the value of a text preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable text field.	
Cadence Input Screen The "Calories Input Screen" is a Value Input Screen that presents the user with the ability to specify a Cadence for setting the value of a Cadence preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Cadence field.	

Calories Input Screen The "Calories Input Screen" is a Value Input Screen that presents the user with the ability to specify # of Calories for setting the value of a Calories preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Calories field.	
Date Input Screen The "Date Input Screen" is a Value Input Screen that presents the user with the ability to specify a Date for setting the value of a Date preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Date field.	
Distance Input Screen The "Distance Input Screen" is a Value Input Screen that presents the user with the ability to specify a Distance for setting the value of a Distance preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Distance field.	
Heart Rate Input Screen The "Heart Rate Input Screen" is a Value Input Screen that presents the user with the ability to specify a Heart Rate for setting the value of a Heart Rate preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Heart Rate field.	

Height Input Screen The "Height Input Screen" is a Value Input Screen that presents the user with the ability to specify a height for setting the value of a height preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Height field.	
Weight Input Screen The "Weight Input Screen" is a Value Input Screen that presents the user with the ability to specify a weight for setting the value of a weight preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Weight field.	
Pace Input Screen The "Pace Input Screen" is a Value Input Screen that presents the user with the ability to specify a Speed-Pace#Pace for setting the value of a Speed-Pace#Pace preference. It is activated when a user performs an Enter action on a Preference Value Field where the value is a user-editable Speed-Pace field and the user's Units of Measurement#Speed-Pace preference is "PACE".	
Power Input Screen The "Power Input Screen" is a Value Input Screen that presents the user with the ability to specify # of Power for setting the value of a Power preference. It is activated when a user performs an Enter action on a Preference Value Field.	

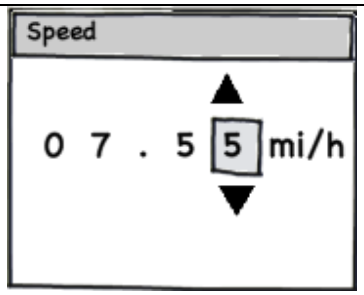
List Of Options Screen

The "List of Options Screen" is a screen that presents the user with a list of options to choose from for setting the value of a preference. It is activated when a user performs an Enter action on a Preference Value Field. Similar to a radio button, exactly one option can be selected at a time.



Value Input Screen

The "Value Input Screen" is the collective term for any of the Fitness Device Software UI Elements#Screens that present the user with the ability to specify a value for a preference. It is activated when a user performs an Enter action on a Preference Value Field.



Zones Values Screen

The "Zone Values Screen" is a screen that presents the user with either a read-only or editable collection of zones, each with a floor (bottom) and ceiling (top) value, for representing the value range for each zone. Each of these values is represented as a Zone Value Field. Examples of "Zone Values Screens" include Heart Rate Zones#Heart Rate Zones Values Screen and Power Zones#Power Zones Values Screen.

Z#	Z↑	Z↓
1	125	125
2	138	138
3	151	151
4	164	164
5	177	177
6	210	210
7	240	240

Device Modes

This section contains the device-specific detailed UI descriptions for each of the Reno-Boulder Device Software features that are not documented as Fitness Device Software Features. This does not contain all of the software features since many of them are just straight forward implementations of the generic UI elements, so the ones listed here are done so for a specific purpose such as contains a non-generic UI element, contains new icons, or is an important feature.

Watch Mode

Fitness Mode

Data Mode

Map Mode

Settings Mode

History Mode

Software Features

This section contains the device-specific detailed UI descriptions for each of the Fitness Device Software Features. This does not contain all of the software features since many of them are just straight forward implementations of the generic UI elements, so the ones listed here are done so for a specific purpose such as contains a non-generic UI element, contains new icons, or is an important feature.

Activity History

Activity Pacer

Activity Profiles

Activity Recording

Activity Totals

ANT Sensors

Connectivity

Date and Time

Device Battery

Device Information

Equipment

Feedback

GPS

Location History

Location Recording

Device Memory

Multisport

Navigation

Quick Info

Training Alerts