

Wireless Mozart

User's Description Document - DRAFT

RF 27 MHz Wireless Keyboard
RT7D40

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1. Wireless Mozart CDT Description and Strategy

This product is a collaboration between NMB Technologies Corporation and Logitech for Dell computers. The Dell Wireless Keyboard and Mouse Bundle is a cordless desktop set for use with Dell computers.

The wireless bundle will support the following languages: US English, US International, UK, German, French, Swiss, Danish, Swedish / Finish, Norwegian, and Japanese.

A. Product Description

A.1. Receiver

The Logitech Dell Receiver, Fugu, is a two-channel radio receiver used jointly with mouse and keyboard transmitter devices. The Fugu receiver will match the industrial design listed in Attachment A. The receiver will feature a connect button for device mating and 5 LEDs. The main center LED is green used to indicate open locking state. Four status LEDs are included as follows:

Caps Lock	–	green LED
Num Lock	–	green LED
Low Mouse Batt	–	red LED
Low Keyboard Batt	–	red LED

One USB connector on the receiver will satisfy connection requirements for both the keyboard and mouse. This connection will support a hot-plug and will be compatible with USB 2.0 standard and DELL Fastboot requirements.

A.2. Mouse

The Logitech Cordless Optical Mouse, Wanda, is an ambidextrous three button cordless mouse with ratcheting center wheel. The mouse operates on 27MHz radio technology and communicates with the receiver on one RF channel (27.045 MHz). The mouse also has a connect button to be used for reconnection. The mouse will be Dell branded and will match the Industrial Design outlined in Attachment A.

An EEPROM is included in the Mouse EE design and will be used to store the digital ID assigned during factory pre-matching. ID will be retained permanently in the EEPROM, even during battery power drain and battery replacement, requiring no special connect sequence.

The mouse will use two AA batteries.

The mouse label will include a pictogram for “reconnection” process description.

A.3. Keyboard

The NMB Cordless Keyboard, Wireless Mozart, is a Dell unique design. The industrial design of the keyboard will match the current Mozart Keyboard with some slight modifications. The industrial design description can be found in Attachment A. The new keyboard will keep the

enhanced tactile feel and spill resistant designs of the Mozart keyboard. A connect button will be used for reconnection.

The keyboard operates on 27MHz radio technology and communicates with the receiver on two RF channels (27.095 MHz and 27.145 MHz). The keyboard will support the following WWW Hotkeys:

BACK	FORWARD	STOP
REFRESH	HOME	MAIL
MY COMPUTER	CALCULATOR	

The hotkeys will be labeled to match the localized keyboard print. In addition the keyboard contains an audio key cluster that supports the following audio functions:

STOP	PREVIOUS TRACK	PLAY/PAUSE
NEXT TRACK	VOLUME UP	VOLUME DOWN (knob volume dial)
AUDIO (launches sound card mixer.)		

An EEPROM is included in the keyboard EE design and will be used to store the digital ID assigned during factory pre-matching. ID will be retained permanently in the EEPROM, even during battery power drain and battery replacement, requiring no special connect sequence.

The keyboard will use two AA batteries with average life expectancy of 6 months.

The mouse label will include a pictogram for “reconnection” process description.

A keyboard palm rest is also included.

B. Compliance

B.1. Countries of sale:

	Layout
1	US
2	UK
3	US Euro
4	French
5	Swedish/Finnish
6	Norwegian
7	German
8	Swiss
9	Danish
10	Japanese

B.2. Regulatory Approvals:

The Mozart Keyboard will be certified with the following: FCC, CE, cULus, ICES, TUV T-Mark, VCCI, and NOM.

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.

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.

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