



MZ Summary of Firmware Changes

This document summarizes the following MZ firmware releases:

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10t

Release Date: 14 August 2007

This firmware release includes all features of previous base version [04u023](#) (see page 2). It is for use with the following printer models:

- MZ 320 (M3E-XXXXXXXX-XX)
- MZ 220 (M2E-XXXXXXXX-XX)

Changes

- (EAP-TLS): Added logic to prevent repeated PAP challenge responses
- (EAP-TLS): Update to work with SBR server. The SBR was suggesting TTLS for inner authentication, this is now NAK'd. The update will now NAK all inner requests besides MSCHAPv2
- (Avalanche): Changes made to _devprop.prf file e.const part. for each property starts on the new line.
- Added support for turning on the option for sending an IP packet when roaming
- Changed TCP socket behavior so a duplication connection does not immediately disconnect the previous connection. It will only happen after 30 seconds
- (WPA): EAPOL START is sent if AP does not start EAP handshake within 5 seconds after association
- WPA2 Broadcast key rotation for both AES and TKIP
- Added support for wlan.wpa.wpa_version, wlan.wpa.groupkey_ciphersuite, and wlan.wpa.pairwise_ciphersuite.
- Changed the interrupt priority of the BlueTooth port.
- New chip replacing an obsoleted chip on the IrDA module board, required software changes.
- Made required changes for the new IrDA chip

- Added IrDA input source which fixes line print mode behavior when using IrDA. Fixed font numbering issue which was causing font 2 to not print.
- (Avalanche): Increased number of allowable properties to 128
- Now ignores the inactivity timeout when charging
- Now allows printing when in charging bay
- (Bluetooth 2.0): Added ability to download the printer application via Bluetooth
- New G radio firmware: FW image 5.02.14

Issues Corrected

- (Avalanche): Fixed buffer overflow that will prevent unit from resetting
- (Avalanche): Corrected UDP malformed packets.

04u023

Release Date: 26 February 2007

This firmware release includes all features of previous base version [04u019](#) (see page 3). It is for use with the following printer models:

- MZ 320 (M3E-XXXXXXXX-XX)
- MZ 220 (M2E-XXXXXXXX-XX)

Changes

- Changed roaming scan behavior for G radio so only one channel is scanned per 100ms interval. This allows the radio to be more responsive to normal traffic while in a roaming state
- (G radio): Added user configurable parameter for roam signal and interval
- Changed the default print speed to 3
- Enabled Vietnamese Encoding

Issues Corrected

- Corrected problem with G radio when losing association while roaming. Radio would not re-associate

04u019

Release Date: 4 December 2006

This firmware release includes all features of previous base version [04u16](#) (see page 3). It is for use with the following printer models:

- MZ 320 (M3E-XXXXXXXX-XX)
- MZ 220 (M2E-XXXXXXXX-XX)

Changes

- Improved power save and roaming behavior with the Samsung radio.
- Added function to select strongest Unicast cipher for WPA2 if AP has more than one Unicast cipher enabled
- POP3 enhancements handle out-of-paper and HTML text-encoding not being printed

Issues Corrected

- n/a

04u16

Release Date: 10 October 2006

This firmware release is for use with the following printer models:

- MZ 320 (M3E-XXXXXXXX-XX)
- MZ 220 (M2E-XXXXXXXX-XX)

This is the original release of this firmware.