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ZEBRA TC57 Android Mobile Touch Computer Instruction Manual

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Contents

Highlights

This Android 10 GMS release 10-63-18.00-QG-U00-STD-HEL-04 covers TC57, TC77 and TC57x family of products. Please see Device Compatibility under Device Support Section for more details.

Software Packages

Package Name	Description
HE_DELTA_UPDATE_10-16-10.00-QG_TO_10-63-18.00-QG.zip	LG Package Update
HE_FULL_UPDATE_10-63-18.00-QG-U00-STD-HEL-04.zip	Full Package

Security Updates

This build is Compliant up to **Android Security Bulletin** of February 05, 2023 (Critical Patch Level: July 01, 2023).

Version Information

Below Table contains important information on versions.

Description	Version
Product Build Number	10-63-18.00-QG-U00-STD-HEL-04
Android Version	10
Security Patch level	February 05, 2023
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are TC57, TC77 and TC57x family of products. Please see device compatibility details under Addendum Section

- **New Features**
  - Added support of New Power Amplifier (SKY77652) to the devices TC57/TC77/TC57x.
- **Resolved Issues**
  - None.
- **Usage Notes**
  - Compatible with new Power Amplifier (PA) hardware (SKY77652). WWAN SKUs manufactured after November 25, 2024, will have this new PA component and will not be allowed to downgrade below the following Android images: A13 image 13-34-31.00-TG-U00-STD, A11 image 11-54-19.00-RG-U00- STD, A10 image 10-63-18.00-QG-U00-STD and A8 image 01-83-27.00-OG-U00-STD.

Known Constraints

- Picture quality of the image taken with 'Night Mode' in low-light conditions is poor.
- **Trigger Modes:** Presentation Read Mode is preferred over Continuous Read Mode. If using Continuous Read mode, use a lower illumination brightness setting (e.g., 2) to ensure the scanner can work without interruption.
- Red Eye Reduction" feature disables the camera flash in the device. Hence, to enable the camera flash please disable the 'Red Eye Reduction' feature.
- EMM does not support agent persistence in OS dessert downgrade scenario.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.
- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up.
- Transparent blue overlay in camera view –numeric, character or ENTER key presses in camera view will make this blue overlay appear. The camera is still functional; however, the view is covered with the blue overlay. To clear this, press the TAB key to move the control to a different menu item or close the camera app.
- In case of an OS upgrade from a s/w version having higher security patch level to a s/w version having lower security patch level, user data will be reset.
- TC5x flash LED temperature is too high when torch is on for long time.
- Unable to scan remote company network using ES file explorer over VPN.
- In case USB flash drives are not getting detected on VC8300 after reboot on USB-A port, re-insert the USB flash drive after the device is fully powered up & on home screen.
- On WT6300 with RS4000 & RS5000 usage, the DataWedge option "Keep enabled on suspend" (in Profiles > Configure scanner settings) shall NOT be set, user can set "Trigger Wakeup and Scan"(in Profiles > Configure scanner settings > Reader params) for single trigger wake and scan functionality.
- When phone app is being disabled using MDM and user tries to reboot the device, user might see **Recovery Screen** with "Try again" and "Factory data reset" options. Select option "Try again" to continue the reboot process. Do not select option "Factory data reset", as it will erase the user data.
- AppManager actions only apply to the applications on the device at the time "DisableGMSApps" is called. New GMS applications present in any new OS update will not be disabled following that update.
- After upgrading from Oreo to A10, Device shows "SD card setup" notification, which is expected behavior from AOSP.
- After upgrading from Oreo to A10, staging fails on few packages, user must update package names accordingly and make use of the profiles or create new staging profiles.
- At the very first time, DHCPv6 enable through CSP is not reflecting until user disconnect/reconnect to the

WLAN profile.

- Support for ZBK-ET5X-10SCN7-02 and ZBK-ET5X-8SCN7-02 (SE4770 scan engine devices) is not available with software released before 10-16-10.00-QG-U72-STD-HEL-04.
- Stage now package name has been changed to **com.zebra.devicemanager**, This can cause issues with AE enrollments and locking down an unit like with EHS or EMM lockdowns. This Issue will be fixed on June 2022 Life Guard Release.

Important Links

- **Installation and setup instructions** (if the link does not work, please copy It to browser and try)

  Note:

  "As part of IT security best practices, Google Android enforces that the Security Patch Level (SPL) for the new OS or patch must be the same level or a newer level than the OS or patch version currently on the device. If the SPL for the new OS or patch is older than the SPL currently on the device, then the device will enterprise reset and wipe all user data and settings including user network configurations and remote management tools which would render the device inaccessible over a network."

- **Zebra Techdocs**
- **Developer Portal**

Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number		Device Specific Manuals and Guides
TC57	TC57HO-1PEZU4P-A6 TC57HO-1PEZU4P-IA TC57HO-1PEZU4P-NA TC57HO-1PEZU4P-XP	TC57HO-1PEZU4P-BR TC57HO-1PEZU4P-ID TC57HO-1PEZU4P-FT	**TC57 Home Page**
TC57 – AR1337Camera	TC57HO-1PFZU4P-A6	TC57HO-1PFZU4P-NA	**TC57 Home Page**
TC77	TC77HL-5ME24BG-A6 TC77HL-5ME24BD-IA TC77HL-5ME24BG-FT (FIPS_SKU)TC77HL-7MJ24BG-A6 TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5ME24BG-NA	TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6 TC77HL-5ME24BD-BR TC77HL-5MJ24BG-A6 TC77HL-5MJ24BG-NA TC77HL-7MJ24BG-NA	**TC77 Home Page**
TC77 – AR1337Camera	TC77HL-5MK24BG-A6 TC77HL-5MK24BG-NA	TC77HL-5ML24BG-A6 TC77HL-5ML24BG-NA	**TC77 Home Page**
TC57x	TC57HO-1XFMU6P-A6 TC57HO-1XFMU6P-BR TC57HO-1XFMU6P-IA TC57HO-1XFMU6P-FT	TC57HO-1XFMU6P-ID TC57JO-1XFMU6P-TK TC57HO-1XFMU6P-NA	**TC57X Home Page**

Addendum

Component Versions

Component / Description	Version
Linux Kernel	4.4.205
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.35.0.0
Battery Manager	1.1.7
Bluetooth Pairing Utility	3.26
Camera	2.0.002
Data Wedge	8.2.709
EMDK	9.1.6.3206
Files	10
License Manager	6.0.13
MXMF	10.5.1.1
OEM info	9.0.0.699
OSX	QCT.100.10.13.70
RXlogger	6.0.7.0
Scanning Framework	28.13.3.0
Stage Now	5.3.0.4
WLAN	FUSION_QA_2_1.3.0.053_Q
Zebra Bluetooth Settings	2.3
Zebra Data Service	10.0.3.1001
Android WebView and Chrome	87.0.4280.101

Revision History

Rev	Description	Date
1.0	Initial release	November, 2024

Documents / Resources

ZEBRA TC57 Android Mobile Touch Computer [pdf] Instruction Manual
TC57, TC77, TC57x, TC57 Android Mobile Touch Computer, Android Mobile Touch Computer, Mobile Touch Computer, Touch Computer

References

- **Welcome | Zebra Developer Portal**
- **Android Security and Update Bulletins | Android Open Source Project**
- **User Manual**