

PARABEN'S
Device Seizure Toolbox

Guide



Welcome to the Device Seizure Toolbox. This toolbox is a compilation of cables, and other accessories that will aid you in the examination of Cell phones, PDA's, and GPS devices. This guide was designed with the understanding that there are many different handheld devices out there and simplification for operation is crucial when dealing with so many variables.

This toolbox has been designed to be as comprehensive as possible with common cables, batteries, chargers, and other examination accessories. As you read through this guide please take the time to familiarize yourself with the different cables and other accessories in the toolbox.

The following is a list of the standard contents of the Device Seizure Toolbox. Please ensure that all of the hardware is functioning properly within the first 30-days after purchase so any necessary replacement can be made. The warranty for this hardware is limited to the first 30-days after purchase by the main manufacturers of the items.

Please be aware we are always adding new cables. Paraben offers a Toolbox Subscription that will ensure that you receive any cables added in the future. Contact ***sales@paraben.com*** for more information.

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Cable Quick Reference Guide

Manufacturer	Model	Cable
Motorola	i205, i215, i265, i275, i285, i305, i315, i325, i355, i415, i450, i455, i530, i560, i580, i605, i670, i710, i730, i733, i736, i760, i830, i833, i835, i836, i850, i855, i860, i870, i875, i880, i885, i920, i930	IDEN-1
Nokia	1100, 1112, 1600, 2310, 2600, 2610, 2626, 6030, 6060	NKI CA-45

Nokia	3230, 3250, 3300, 6085, 6111, 6125, 6126, 6131, 6136, 6151, 6155, 6170, 6230, 6233, 6235, 6236, 6255, 6256, 6260, 6265, 6270, 6280, 6282, 6288, 6620, 6630, 6650, 6670, 6680, 6681, 6682, 7070, 7370, 7373, 7600, 7610, 7710, 9300, 9500, 3155i, 5500 Sport, 6155i, 6230i, 6235i, 6236i, 6255i, 6256i, 6265i, 6275i CDMA, 6670v, 9300i, 9500 Com- municator, E50, E60, E61, E61i, E65, E70, N70, N71, N72, N73, N80, N90, N91, N92, N93, N93i	NKI DKU-2
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Nokia	2112, 2115, 2270, 2272, 2280, 3100, 3105, 3108, 3120, 3125, 3200, 3205, 3220, 3586, 3587, 3588, 5070, 5100, 5140, 6012, 6015, 6020, 6021, 6070, 6080, 6100, 6101, 6103, 6108, 6200, 6220, 6225, 6560, 6585, 6610, 6800, 6810, 6820, 6822, 7200, 7210, 7250, 7260, 7360, 2115i, 2116i, 2125i, 2126i, 2285 (CDMA), 3585 (CDMA), 3585i, 3586i, 3587i, 3588i, 3589i, 5140i, 6011i, 6015i, 6016i, 6019i, 6585i, 6610i, 7250i	NKI DKU-5
Nokia	8260	NKI 8260
Ericsson	T28, T68, T300, T610, P800, Ericsson: T20e, T20s, T20c, T28, T28 World, T29, R380e, R600, P800, T61g, T62u, T200, T300, T610, T630, Z600, P900, F500i, K700, K700i	ERI T68

Ericsson	T28S, T28SC, A2618S, R320S, R310S, A2628s, 237, 337, 388, 398, 628, 788, 988	ERI T28
Siemens	3118, A35, A36, C25, C35, C45, M35, M35i, M50, ME45, MT50, S25, S35, S45, SL-42, SL45, 6688	SIE C25
Siemens	Main Cable	SIE AM601 MDJ6
Siemens	S40, S42	SIE S40
Siemens	A50, A55, C55, C60, C62, M50, M55, S55, M56, MC60, ME45, MT50	SIE C55
Siemens	C30, S30, M30	SIE C30
Siemens	A2618, A2628, A3618, R310s, R320s, R380s, R520, R600, T20, T28, T28-World, T29, T39, T39, T65, T68, T68, Sony Ericsson: 2700, P800, T100, T200, T300, T310, T39, T39, T600, T610, T630, T68, T68, T68i	SIE T28

<p>Motorola</p>	<p>270c, A1000, A630, A835, A845, C331t, C343, C353t, c975, c980, E1000, E398, E550, M BUS, T720, T721, T722i, T730, V120, V120c, V260, V262, V265, V300, V400, V500, V505, V525, V545, V547, V550, V551, V60, V600, V60i, V60p, V60s, v60t, V620, V66, V70, V710, V80, V800, V975, V980</p>	<p>MOT V66 (2)</p>
<p>Samsung</p>	<p>1300, A310, A399, A460, A530, A530s, A600, A610, A620, A650, A660, A670, A680, A700, A740, A760, A890, D500, D510, D600, E340, E350, E360, E370, E380, E640, E730, E760, E770, E860v, N191, P730, X120, X150, X199, X319, X630, X660, X670, X700, X800</p>	<p>SAM-N191</p>

Samsung	X199, N191, D600, D500, E640, E730, P730, E340, E350, E760, E860v, X660, E770, X700, X800, 1300, E360, D510, X670, E370, X630, E380	SAM-N191
Samsung	C100, D41x C20x, DCU-60 CA42, E105, E31x A300, E71x, N500, R2xx, T100, V20x, X42x	SAM-T100
Samsung	C100, D41x C20x, E105, E315, E316, E317, E31x A300, E710, E715, E71x, N500, P107, R2xx, S307, S600, T100, V200, V205, V206, V20x, X105, X308, X426, X427, X42x	SAM-V200

Samsung	E638, E800, SGH-D488, SGH-E100, SGH-E330, SGH-E700, SGH-E708, SGH-E800, SGH-E808, SGH-E820, SGH-S500, SGH-S508, SGH-X100, SGH-X108, SGH-X460, SGH-X490, SGH-X600, SGH-X608, SGH-X630, SGH-X640, X460, X497	SAM-E700
Samsung	A630, A850, A860, A900, A930, A950, A970	SAM-A630/A850
LG	AX-390, UX-390, AX-4270, VX-4750, UX-4750, VX-4650, VX-4700, AX-5000, UX-5000, LX-125, LX-225, PM-225, LX-325, PM-325, LX-350, LX-535, MM-535, LX-550, FUSIC, VI-125, VX-3200, VX-3300, VX-3280, VX-5200, VX-6200, VX-6100, VX-8000, VX-9800, AX140, AX145, AX355, UX355, AX490, VX1000 MIGO, VX7000	LG VX-7000

<p>LG</p>	<p>AX-390, UX-390, AX-4270, VX-4750, UX-4750, VX-4650, VX-4700, AX-5000, UX-5000, LX-125, LX-225, PM-225, LX-325, PM-325, LX-350, LX-535, MM-535, LX-550, FUSIC, VI-125, VX-3200, VX-3300, VX-3280, VX-5200, VX-6200, VX-6100, VX-8000, VX-9800, AX140, AX145, AX355, UX355, AX490, VX1000 MIGO, VX7000</p>	<p>LG VX-7000</p>
<p>LG</p>	<p>LG Chocolate AX275, AX380 Wave, VX8350, CU575 Trax, LX570 Muziq, VX8550 Chocolate, VX8500, VX8600, AX8600, VX8700, VX9400, VX9900 enV, LX150 KE800, KE970 Shine, KG320, KG800, KG810, U830, U970 Shine, KG90, KG800,</p>	<p>LG-KG800/8500</p>

LG	1100, 1400, 1600, 2120, 3300, 4010, 5130, 5500, 5600, 6070, 6360, 6760, 7000, 7020, 7030, 7050, 7070, 7130, 8180, 8380, A7150, B2000, B2100, C1100, C1200, C1300, C1300I, C1400, C1500, C2100, C2200, C3100, C3300, C3310, C3320, C3400, E5100, F1200, F2100, F2300, F2400, F2410, G1400, G1600, G1610, G220, G4010, G4050, G5500, G5600, G7000, G7020, G7030, G7050, L1100, L1200, L1400, L5100, LX1200, LX5550, M4300, M4400, M4410, T510, T5100, VX5450, VX5550, VX6000, VX6100, VX7000, VX8000, VX8100, W7000, W7020, W800	LG-7020
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LG	510, 1010, 2030, 2130, 4NE1, LX5350, TM-510, TP1100, TP5200, TP5250, TP5350, VX1, VX10, VX2000, VX3100, VX4400, VX4400B	LG-2030
Garmin	EMAP, ETREX (YELLOW), ETREX CAMO, ETREX H, ETREX LEGEND, ETREX SUMMIT, ETREX VENTURE, ETREX VISTA, GEKO 201, GEKO 301, GOLF GPS	Garmin
Dell	AXIM X50, X50U, X50V	Dell-2
iPAQ	3100, 3600, 3700	IPAQ-1
iPAQ	3800, 3900	IPAQ-2
Sony Clie	All T series Clie	CLIE-2
Treo	180, 270, 300, 600	TREO-2
Palm	V, Vx	PALM-3
Palm	i705, m125, m130, m500, m505, m515, Tungsten, Zire 71	PALM-4
Palm	700, Lifedrive, t5, Treo 650, Tungsten e2, tx, z22	Palm-5

Getting Started

Most of the USB cables associated with the Toolbox work like traditional USB cables. Please note, that not all data cables will provide power to the hand held devices. Since power is crucial, please ensure the device has sufficient power prior to an acquisition.

Alternate power adapters have been included in the Toolbox. These may be used with USB cables so the units can be plugged directly from the device into the adaptor to charge the device.

Drivers

The cable drivers are included in the Device Seizure Drivers package and can be downloaded from your registration web site account (the link can be found on the left hand side) or from the products page for Device Seizure. Unless otherwise noted the drivers will load with the cable or device name.

Medusa Multi-Tip Cables (*-IN-1)

Some of the phone cables have been named Medusa Cables, meaning they have different tips that are used with a standard body.

Palm Cable Specifics

With the Palm operating system cables there is typically not a HotSync button located on the cable. In order for you to use the HotSync process, you will need to manually start the process through the screen interface on the device. Please make sure you select the local sync option. This will not alter any evidence on the device.

Care of Cables

Sadly, cables are not super heroes so they are not invincible. With improper use, they can break. Follow these simple points to ensure a long life for your cables:

1. Make sure you fully press down on release buttons before connecting and disconnecting cables to extend the life of your cables.
2. If the cable does not fit into the device, do not force it.
3. USB cables should be directly connected to the computer, without a hub. Using a hub may cause damage to the cable as well as the device.

The hardware in the Toolbox is warranted by the manufacturer for 30 days from the date of purchase.

Nylon Toolbox Case

The Device Seizure Toolbox case was designed to be durable and to make the coordination of hardware associated with your examination easier. There are many compartments that can be used to customize the Toolbox to your needs. For example the front pocket on the Toolkit is a perfect storage location for your Paraben StrongHold Bags. The Toolbox can be expanded in the future to hold more cables with additional pages and these may be purchased via the Paraben website, www.paraben.com.



SIM Card Reader

Driver: Triple S PC/SC Sim Card Reader

Power: Yes

Cable Tip* : The SIM card reader will display a green light when loading drivers and transferring data.



CA-45 (USB)

Driver: CA-45 Nokia Suite

Power: No

Cable Tip* : The CA-45 has a very distinctive shape and will only work with specific Nokia phones.



DKU 2 (USB)

Driver: DKU-2 Nokia Suite

Power : No



DKU 5 (USB)

Driver: DKU-5 Nokia Suite

Power : No



Nokia 8260 (Serial)

Driver: None

Power : No

Cable Tip*: This cable uses an under the battery connection to communicate with the phone. Make sure the connections are correct and the battery has plenty of power. Because this uses a serial connection, no drivers are necessary.



ERI T68 (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: This cable uses a serial to USB connection to communicate with the phone. You should see the serial to USB drivers load when the cable is connected and the phone is powered on.



Motorola iDen (USB)

Driver: Motorola Modem

Power : Yes

Cable Tip*: The cable works with newer Motorola iDen phones, some of the older iDen phones use the Motorola v66 cable.



Motorola V66 (USB)

Driver: Motorola Modem

Power : Varies

Cable Tip*: The cable may or may not provide power to the device.



Mini-USB

Driver: The drivers for this cable are installed based on the device manufacturer:

Power : Varies

Cable Tip*: The universal mini-USB connection will work with a lot of devices and typically will provide power to the device.



T100 Samsung (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: These cables are used in tandem to acquire different parts of the memory from older Samsungs. T100 for Physical, V200 for Logical.



v200 Samsung (USB)



E700 (USB)

Driver: Prolific Serial-to-USB

Power : No



A630/A850 (USB)

Driver: Samsung USB Composite Device

Power : Yes

Cable Tip*: Designed for A630, A860, A900, & A950 Samsung models.



N191 (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: This cable is intended for CDMA use only.



VX7000 (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: Driver will load without the phone being turned on. The Com port can be pushed down to 1 through 4 for the best acquisition.



KG 800/85000 (USB)

Driver: LGE CDMA USB Serial Port

Power : Yes

Cable Tip*: Driver will load without the phone being turned on. The Com port can be pushed down to 1 through 4 for the best acquisition.



7020 (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: Driver will load without the phone being turned on. The Com port can be pushed down to 1 through 4 for the best acquisition.



2030 (USB)

Driver: Prolific Serial-to-USB

Power : No

Cable Tip*: Driver will load without the phone being turned on. The Com port can be pushed down to 1 through 4 for the best acquisition.

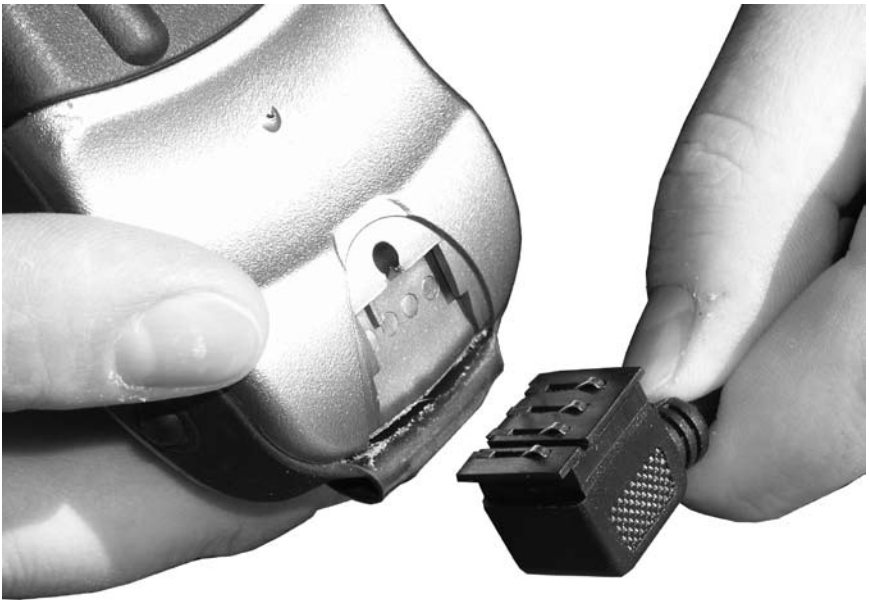


Garmin (Serial)

Driver: Included

Power : No

Cable Tip*: The tip is Unique to Garmin device's only, and it will not require a driver if it is Serial. The USB drivers are included in the Device Seizure Driver pack.



Remote Charger (various tips)

Driver: None

Power : Yes

Cable Tip*: The charger runs on 2 AA batteries, and has an LED Flashlight. The tips for this charger will always be growing but will coordinate with the same as the cables that we offer.



Dell-2 (USB)

Driver: Windows Active Sync Drivers

Power : No

Cable Tip*: Only a “Guest” partnership should be formed in Active Sync to protect data integrity.

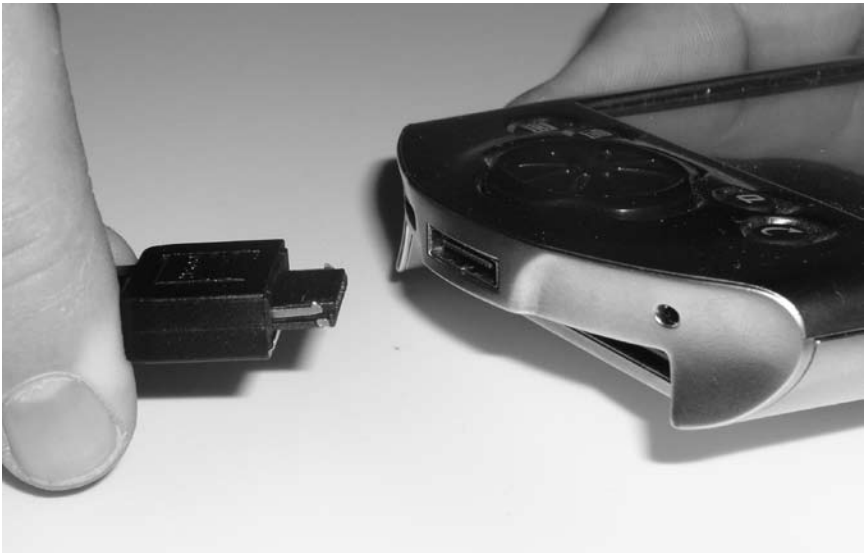


IPaq-1 (USB)

Driver: Windows Active Sync Drivers

Power : No

Cable Tip*: Only a “Guest” partnership should be formed in Active Sync to protect data integrity.



IPaq-2 (USB)

Driver: Windows Active Sync Drivers

Power : No

Cable Tip*: Only a “Guest” partnership should be formed in Active Sync to protect data integrity.



Clie-2 (USB)

Driver: Windows Active Sync Drivers

Power : No

Cable Tip*: Only a “Guest” partnership should be formed in Active Sync to protect data integrity.



Treo 2 (USB)

Driver: Palm USB

Power : Yes

Cable Tip*: Drivers will not install until HotSync or console mode is initiated and Device Seizure starts the acquisition.

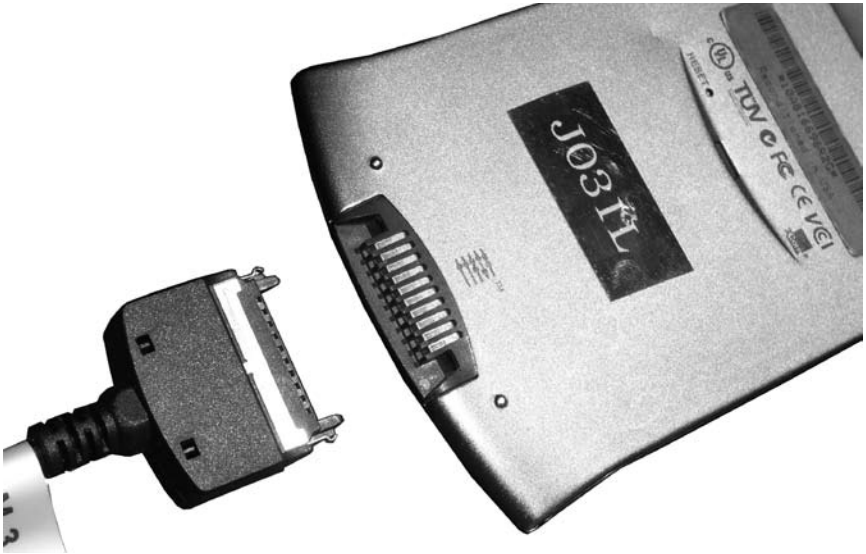


Paml-3 (Serial)

Driver: Palm USB

Power : Yes

Cable Tip*: Drivers will not install until HotSync or console mode is initiated and Device Seizure starts the acquisition.



Palm-4 (USB)

Driver: Palm USB

Power : Yes

Cable Tip*: Drivers will not install until HotSync or console mode is initiated and Device Seizure starts the acquisition.



Palm-5 (USB)

Driver: Palm USB or Windows Active Sync Drivers

Power : Yes

Cable Tip*: Drivers will not install until HotSync or console mode is initiated and Device Seizure starts the acquisition. If acquiring a Windows Mobile Device only a “Guest” partnership should be formed in Active Sync to protect data integrity.

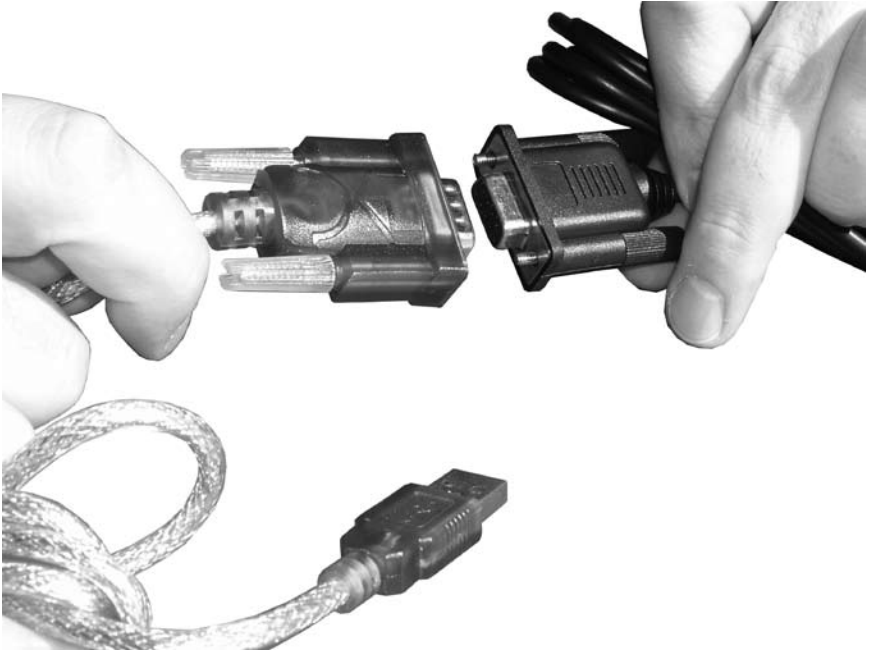


Serial-to-USB Converter

Driver: None

Power : No

Cable Tip*: Very useful if you do not have any serial ports available.



Power Adapters
AC and 12v



— Example of 12v

Example of AC



AAA's and CR-2025

Power: Yes



Official Pokey Thingy

Cable Tip*: Very useful for 'soft reset' with many Palm and Treo device's.



Plastic Magnifying Glass, USB Extension,
SIM Card Carrying case and Stylus

Cable Tip*: Magnifying Glass helpful for reading model numbers on devices.

