Wonde Proud Android 4.3 Car Navigation Box WP9320 User Manual



WP9320 is Wonde Proud's new era for Android 4.3 GPS+GLONASS dual-mode navigation. Following past model's stability and universal compatibility, we developed WP9320 as an advanced new model. GPS+GLONASS dual-mode for more accurate positioning, HDMI output for entertainment, dual video display providing sound drive/passenger service, and wifi/3G/4G access are all now in front of your eyes.

Supported with Wonde Proud plug & play GPS/multimedia interface, WP9320 is going to have your driving experience enjoyable.

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I. Installation

A. <u>Connection:</u>

As long as your monitor or car in-dash have RGB/CVBS input for external navigation, you will be able to integrate WP9320 Android 4.3 navigation box. The following charts are guides for WP9320's installation.





B. <u>Pin definition:</u>

1. on WP9320 main box:

a. 24-pin connector:



b. 4-pin touch port (resistive touch):



c. Cap touch port (capacitive touch):



2. On 24-pin connector

a. 9-pin RGB:



b. 8-pin Data:



c. 6-pin Uart:



II. Settings

A. <u>General settings</u>

1. select correct resolution and touch panel

APK management \rightarrow Settings \rightarrow Display \rightarrow Screen change





After pressing "Save," select "OK," and WP9320 reboots for touch calibration; you can also choose "Cancel," you can calibrate touch later when next time WP320 reboots.



Press finger on "+" to calibrate touch

+		

2. select HDMI resolution

If you are using HDMI output on WP9320, please press "HDMI" on navigation bar and select correct resolution.



3. Wifi connection

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2	Customization	1 tuen on wifi
WIR	eless & networks Wi-Fi	
	More	
DEV	ICE	enter wifi settings
•••	Sound	
0	Display	
	Storage	
	Apps	

APK management \rightarrow Settings \rightarrow Wi-Fi

(Wi-Fi \$7 011 + HTC Rox Scan WPS Pin Entry P883 Secured with WPA2 Wi-Fi Direct •84 NVRAM WARNING: Err = 0x01 Advanced G Heip HDMI 1





After input wifi's password, press "Done" and "Connect"



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0	HTC Rox Secured with WHA2	HTC Rox	ŧ.
ŋ	P883 Secure with WPA?	Signal strength Excellent Security	×.
•0+		WPA2 PSK Fassword	
6	CHT WI-FI Auto		
HDMI	CHT Wi-Fi(HiNet)	Show password	
	NVRAM WARNING	Cancel Connect	d

Connection succeeds when you see "Connected" and " on top of the screen.

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D	(📰 Wi-Fi	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ω	WP Connected	7*
Ð	HTC Rox Saved, secured with NP42	्र
4 1	P883 Secured with WEA2	Ŧ.
6	conjoin Secured with WEP	76
HDMI	NVRAM WARNING: Err = Dx01 Notic sarge	
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4. Password of screen lock

APK management \rightarrow Settings \rightarrow Security \rightarrow Screen lock You can set up your preferable password for screen lock:



Saving screenshot .	
Becurity	
SCREEN SECURITY	
Screen lock	
Owner info	
PASSWORDS	
Make passwords visible	
DEVICE ADMINISTRATION	
Device administrators	
View or deactivate device administrators	
ren nown sources	
Allew installation of apps from unknown sources	

Choose your preferable screen lock and confirm:

None	
Slide	
Pattern	
PIN	
Password	

After screen lock is confirmed, you can lock the screen by pressing hot key " \square ".



5. Start-up picture change

Get "wp9920_update.zip" from your distributor for start-up picture change; unzip "wp9920_update.zip" on the computer, and you will see:



In folder "files," you will find "logo.bmp," change it with the start-up picture you want. Create your own "logo.bmp" with correct resolution for your screen, and make sure it's 32 bit.



Zip folder "META-INF," "files," and "VER_201401131559.txt" and name it as "wp9920_update.zip," and then please put wp9920_update.zip in SD card, input SD card in WP9320, restart WP9320. After update finishes, you will see your own start-up picture.

6. Boot-up animation change

Get "bootanimation.zip" from your distributor for boot-up animation change; unzip "bootanimation.zip" on the computer, and you will see:



Create your own animation and replace ".png" files both in "part1" and "part2" folders. Make sure your ".png" files have correct resolution for your screen and use the same file names with those replaced.



Zip folder "part1," and "part2" and name it as "bootanimation.zip," and then please put bootanimation.zip in SD card, input SD card in WP9320, restart WP9320. After update finishes, you will see your own animation.

B. Engineering settings

1. AutoRun & SD Card check

APK management \rightarrow Settings \rightarrow Customization \rightarrow AUTORUN



NOTOHON		
AutoRun	<u>1. check "AutoRun" if you want a certain app</u> to automatically run when WP9320 starts	V
AutoRun a null	application select <u>2. if you check "AutoRun," select the app</u>	
SDCard cl	neck <u>3. check "SDCard check" if you would like</u> WP9320 to check SD card existance when s	V
SCREEN SHOT		
SCREEN SHOT Screen sh	ot	

After settings of AutoRun, you can have WP9320 execute automatically the app you want every time when you turn on WP9320.

2. Screen shot

APK management \rightarrow Settings \rightarrow Customization \rightarrow SCREEN SHOT

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~	AUTORUN	JE.
J D	AutoRun	
€a	AutoRun application select	
G	SDCard check	
ирми	SCREEN SHOT	
HUMI	Screen shot on top of the screen, press it and WP9320 will save the current screen shot in SD card	V
	Car mode settings	

3. Car mode settings

APK management \rightarrow Settings \rightarrow Customization \rightarrow ADVANCED SETTINGS After open car mode with key code "7777", you can select those apps which you want WP9320 to allow during car mode. Be sure to press "Save and reboot" in "Default settings" after you finish car mode settings.



4. Hide apps

APK management \rightarrow Settings \rightarrow Customization \rightarrow ADVANCED SETTINGS \rightarrow Default settings \rightarrow Hide apps

Enter default settings and input key code "7777," and you can select those apps you want to hide. Press "Save and reboot" in "Default settings" after you finish.



5. Navigation bar

APK management \rightarrow Settings \rightarrow Customization \rightarrow Navigation bar \rightarrow Auto mode

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Navigation Bar	
SDCard check	
SCREEN SHOT	
Screen shot	R
NAVICATION BAB	
Auto mode Hide assignifier, ber in boot	
Advanced settings	

रे 🗃 🗃 र 🗾 Customization	(Fn)	⊿ 8:52
AutoRun ap	Mode	
SDCard che	Auto	
SCREEN SHOT	Hot key mode	
Screen shot	Hot key mode + return key	
	Show navigation bar	
Mode	Hide navigation bar	
Hot key mode +	取消	
進階設定		

- a. Auto: navigation bar hides; touch screen to activate navigation bar
- b. Hot key mode: press 🖤 to activate navigation bar



c. Hot key mode + return key: press 🖤 to activate navigation bar, return key



remains when navigation bar hides

- d. Show navigation bar in boot: navigation bar always shows.
- e. Hide navigation bar in boot: navigation bar always hides.



• 7 #	⊿ 12:32
Customization	\oplus
AutoRun	Ŷ
AutoRun application select	
Fn SDCard check	2
Screen shot	2
Auto mode Hide navigation bar in boot	
Advanced settings	

6. Remove account

APK management \rightarrow Settings \rightarrow Customization \rightarrow ADVANCED SETTINGS \rightarrow Remove account

Press "Remove account" to remove Android account on WP9320.



7. Launcher default

APK management \rightarrow Apps \rightarrow ALL \rightarrow Launcher 4 or Home Launcher \rightarrow Always \rightarrow Clear defaults \rightarrow select your preferable launcher design



Slide from right to left until you see "ALL"

* • *			Z 12:36
< Ap	ps		
		DOWNLOADED	ON SU CARD
<i>~</i>	Android File Manager		
	ES File Explorer 4.50MB		
	GPS Test Plus		
9	SourceCVBS actorka		
9	SourceVGA 36.00K9		
120449	used	Internal storage	Fn

Find the launcher you're using currently

0 - *		<u>Z</u> 12:37
< Apps		
RUNNING	ALL	
10	Input Devices	
	Key Chain 28 GOK®	
	Launcher4	
	Live Wallpaper Picker 24.00K2	
0	LocalMM LEGMB	
- A	Internal storage	Fn
129/48	ed	3 BGB See

Press "Clear defaults," and you will be able to select your own preferable launcher.

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< 🔄 App info	
CACHE	
Cache	0.00B
LAUNCH BY DEFAULT	
You've chosen to launch this app by default for some actions.	
PERMISSIONS	
This spin can ances the following on your phone	
 Storage modify or delets the contents of your SD card 	
 Your personal information modify your contects read call log, read your contacts, write call log. 	Fn
 Runtem textle 	\odot

III. RF remote control

After you put batteries into RF remote control, you can start operating WP9320 with RF remote control. P.S.: Not all keys on RF remote work with your software, because it depends on whether the key code was installed in the software.



Key code of RF remote control:



IV. Software update

1. OS version check

APK management \rightarrow Settings \rightarrow About phone



2. OS update

Put "wp9920_update.rar" file into root of 2G SD card, which had better be SanDisc, insert SD card into WP9320, restart WP9320, and update starts automatically.