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MANUAL

Kind	User manual
Title	User manual iMIV with HU-650 HU-850
Language	English
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Applicable to	iMIV in Volvo with HU 650/850 radio, with or without RTI navigation
Contents	Manual describes the user functions for iMIV in combination with a HU-650 or HU-850 radio.

Basic operations (Simple mode)

Applicable to:

iMIV v1, iMIV v2, iMIV Classic, iMIV-LE, iMIV-LE+

Starting points:

Your iPod, iPhone or iPad (called "iPod" for the rest of this document!) is connected to the iPod cable and the iMIV set is working in the basic. SAT is active on your radio.
If SAT is not active on your HU radio, please return to the installation document and re-install the set or contact us!

IMPORTANT NOTE : iMIV V1, iMIV V2 and some older iMIV Classics/LE's are NOT MFI compliant. In such case errors might occur (shown on your iPod/iPhone/iPad, charging might fail and video playback might fail as well!).
We do not sell non-mfi compliant devices since 2011 anymore, but some units end up on the 2nd hand market. Do NOT buy such units unless you only want to connect an older iPod!!
We do NOT support these older models anymore.

Contact details:
VolvoTech.EU
support@volvotech.eu

Activate the iMIV;

Select iPod source:

By installation of our iMIV adapter in your Volvo, there will be a minimum of 1 additional source active on your HU-650 or HU-850
This will be at least the SAT source (SAT 1, SAT 2 and SAT 3). Please only use SAT 1.

In some cases (iMIV Classic, LE+, V1 and V2), also the TV source or CD-C source will be activated for Auxiliary audio and/or video.

Turn the SOURCE knob of your radio to the right until you see : `SIRIUS SAT 1` in the display of your HU Radio.

If your iPod is connected as instructed before, you will now see after a few seconds `– iPod –` .

Your HU Radio is now ready to operate the iPod in SIMPLE mode.

If you connect an iPhone 5 or 6, or any other iPod/iPad with lightning connector and you are using the optional 30pin/lightning convertor cable, you can use this manual as well, just connect the convertor cable in between the iPod dock cable and your iPod/iPad/iPhone product.

* If you do not see the text `– iPod –` on the screen of your HU Radio with a few seconds after everything is connected and started up, please continue checking if everything is connected as set out in the installation manuals

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Simple modus;

In "SIMPLE MODE" one can listen to iPod audio. In this mode the iPod adapter can feed basic text information the the screen of your HU Radio. (same operation as in advanced mode : use RND button!)

Simple controls like volume, next and previous song can be operated from HU Radio and or steering wheel controls (if you have those).

The following buttons have functions in SIMPLE mode:

HU Button	Function	Steering Wheel	Remarks
▶▶	Next song	YES	In Simple mode, this button works the same as the same button on your iPod!
◀◀	Previous song	YES	In Simple mode, this button works the same as the same button on your iPod!
VOLUME PUSH POWER	Volume up	YES	
VOLUME PUSH POWER	Volume down	YES	
RND	Shows 4 different informational texts on the HU radio	No	iMIV URL, iMIV connection type, Artist name, Songname.
SCAN	Activates RANDOM mode	No	In Simple mode, this button works the same as the same function on your iPod!
3	Activates ADVANCED mode	No	Only switches over to advanced mode if there is at least 1 playlist with a song active on the iPod.

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Extended operations (Advanced Mode)

Applicable to:

iMIV v1, iMIV v2, iMIV Classic, iMIV-LE, iMIV LE+

Starting points:

Your iPod is connected to the iPod adapter and working fine in SIMPLE mode.

* Please make sure you have created at least 1 playlist with songs in there trough iTunes and pushed that to your iPod!

* None of your playlists should start with a number OR all of them should start with a number. If you create a mix of playlists starting with a number and with alphanumeric characters, ONLY playlists names starting with a number might be shown!! Note that there might be a standard playlists called "20 most played" which you will have to RENAME in case you want to use alphanumeric playlist names!

* In advanced mode, the iPod will be locked, the iPhone or iPad will NOT be locked.

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Advanced modus;

In "ADVANCED" mode you can take advantage of the in iTunes created playlists. This will create the possibility to see TEXT information on the HU Radio's display.

Press button "3" on the HU Radio to activate the "ADVANCED MODE" on your iPod.

The following buttons from your HU Radio will have functions in Advanced Mode:

Button HU	Function	Steering Wheel	Remarks
▶▶	Next song. If in playlist select mode: Next playlist.	Yes	Same function as in SIMPLE mode but when in playlist select mode it goes to next playlist.
◀◀	Previous song. If in playlist select mode: Previous playlist.	Yes	Same function as in SIMPLE mode but when in playlist select mode it goes to previous playlist.
VOLUME PUSH POWER	Volume up.	Yes	
VOLUME PUSH POWER	Volume down.	Yes	
RND	Shows the 4 different texts of your playlist!	No	In a loop, but in this order: Name playlist-> Name of artist-> Song title-> Technical representation (Number of playlist/Song number in playlist)
SCAN	Activates random within the playlist active.	No	
3	Activates the playlist select mode BUT only if the HU Radio display shows the current Playlist name!	No	If you want to select a playlist (looking at the name of that playlist on the screen) just do "nothing" for 2 seconds and the unit will activate playing in that playlist.
5	Deactivates advanced mode and reactivates simple mode.	No	

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Controls (Examples)

Simple mode:

Button press	Results in text on HU	Action activated
RND	iMIV.CA - iPod - Michael Jackson Beat-it	No function activated. Every time you press the RND button a different text will be visible on the HU Screen.
SCAN		Activates the RANDOM function on the HU radio and iPod. In advanced mode there will be a % sign visible in the technical playlist overview.
3	Playl 01 Nam of playlist	Activates Advanced modus. Shows shortly "Playl 01" (=Playlist 1) Then it shows the name of the first playlist.

Advanced modus

Button press	You see in the display	Actie die wordt uitgevoerd
RND	Name playlist Artist name Song name P01 / 01	None, just a text change..
SCAN		Activates the RANDOM function on the HU radio and iPod. In advanced mode there will be a % sign visible in the technical playlist overview.
5	-- iPod --	Deactivates Advanced mode but keeps playing the selected song.
3 and afterwards: ⏮ or ⏭	Name playlist Name playlist 1 Name playlist 2 Name playlist 1 Name playlist 3	Activates the playlist selection mode (* BUT ONLY IF THE CURRENT PLAYLIST NAME IS VISIBLE ON THE HU SCREEN).

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Video playback;

For installations with connection to the RTI Navigation only, and only for iMIV-v1, iMIV-v2 and iMIV Classic.

IMPORANT NOTE : again the Apple MFI certification on a new (or 2012 or younger) iMIV Classics will guarantee video trough the supplied 30 pin dockport!

Any lightning product will NOT be able to display video trough the lightning port!

If you own a iPod, iPad or iPhone with a 30 pin connection;

Turn the source knob to TV.

Either **TV0**, **TV1** or **TV2** will be displayed on the HU.

To **playback video from iPod source**, select TV1 by pressing ◄◄ or ►► .

On recent iPods video out will automatically be activated and video will just playback on your RTI screen now.

On older iPods video out needs to be enabled in OPTIONS under VIDEO in the iPod. Please make sure you also select PAL as output signal.

To **playback video from the Auxiliary source**, select TV2 by pressing ◄◄ or ►► .

Please make sure that any output signal from a connected composite video device is set to PAL.

To **watch RTI display navigation information**, while a video is playing OR to listen to the Auxilary source without interruptions in the Navigation display, select TV1.

In **case you want your passenger(s) to be able to watch video while in motion** (you're driving the car with a speed higher than 7km/h, the video will switch back to Navi automatically) , please contact us at info@volvotech.eu to obtain a free "patch" you can install on the iMIV to avoid this auto switch.

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FAQ;

Q: Does the iMIV keep charing my iPod/iPhone/iPad if I'm listening to another source like FM radio?

A: Yes, if the engine is running or the ignition key is in position 2, the iMIV will be active and charge a connected Apple device.

Q: I bought a 2nd hand (used) iMIV, but I do not see the SAT source or so , it won't charge my iphone and I can't play video.

A: Any device connected to an iPod, iPhone or iPad requires MFI certification. This means that there are certain rules followed and checked by Apple. This also results in a built-in chip (supplied by Apple) which make communications possible between the device (iMIV in our case) and the Apple product.
That for example makes it possible to enable video-out on an iPhone.

Q: Does the iMIV work with Spotify and related music players?

A: Absolutely yes!

If you have any other question, please do not hesitate to ask in an email to us!

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