

Intravee II

Command Reference

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The Intravee has a comprehensive command line interface that can be used for configuration and diagnostic purposes. It is advised that you should not use these commands unless instructed to do so by Intravee technical support.

1. User Interface Commands

setui X

Sets the current UI mode to X where X is :

- auto Automatic detection mode
- 0 BMW CD Changer emulation
- 1 Single line Nav display
- 2 Business or Professional E46, Z4, X3 or Mini radio.
- 3 Business Nav on E46, Z4 or X3.
- 4 E38, E39, X5 or Range Rover MID or IRIS Business or Professional radio.
- 5 Professional Navigation or TV module with full screen software.
- 6 Professional Navigation with split screen software.

showui

Displays the current UI mode details.

setlangX

Set the Intravee UI language to X and display the language that has been set. X may be one of the following values :

- 0 = English
- 1 = German
- 2 = Dutch
- 3 = French
- 4 = Italian
- 5 = Spanish

reset keys

Resets all assignable key actions to their defaults.

reset headers

Resets all header assignments to their defaults.

nmX

Jumps directly to menu number specified by X.

rapid update on

Turn on Fast Update for UI2.

rapid update off

Turn off Fast Update for UI2.

nav YYY

Sets the Nav Type, where yyy may be one of the following values:

auto Enables Nav Type auto detection.

TV Set the nav type to TV Module.

Mk1 Set the nav type to Mk I.

Mk2 Set the nav type to Mk II.

Mk3F Set the nav type to Mk III full screen software (lower than 3-1/40).

Mk3S Set the nav type to Mk III split screen software (3-1/40 or higher).

Mk4S Set the nav type to Mk IV standard features (lower then 4-1/40).

Mk4E Set the nav type to Mk IV enhanced features (4-1/40 or higher).

2.Extra Feature Control Commands

extras off

Turns off all extra features.

autolock on

Turn off auto locking.

autolock off

Turn on auto locking.

autounlock on

Turn off auto unlocking.

autounlock off

Turn on auto unlocking.

enable extras

Enable extra feature control functions.

disable extras

Disable extra feature control functions.

3.Debug Toggle Commands

ainetd on/off

Turn on or off AI-Net debugging.

ibusd on/off

Turn on or off ibus debugging.

ainetm on/off

Turn on or off AI-Net message display.

ibusm on/off

Turn on or off iBus message display.

appm on/off

Turn on or off application messages.

critm on/off

Turn on or off critical messages.

pings on/off

Turn on or off ping messages.

cached on/off

Turn on or off cache debug messages.

4.Source Naming Commands

slist

Displays the current source name assignments.

ssnX NewName

Sets the name of source X to *NewName* where X is between 1 and 4. If *NewName* is omitted then the name is cleared and the default is used.

ian on/off

Turns iPod auto source naming on or off.

5. Intravee Switch Control Commands

swrest

Reset the Intravee switch.

swprog

Program the Intravee switch firmware.

swincnet

Increments the number of switch Net ports.

swincaux

Increments the number of switch Aux ports.

6. Cache Commands

dc0

Displays the content of cache 0, Folders for MP3 CD Changers, Songs for iPod.

dc1

Displays the content of cache 1, Tracks for MP3 CD Changers, Playlists/Artists/Albums for iPod.

dc2

Displays the content of cache 2, Sub-Albums for iPods.

fc0

Flush the content of cache 0. The cache will start to refill.

fc1

Flush the content of cache 1. The cache will start to refill.

fc2

Flush the content of cache 2. The cache will start to refill.

7.Device Enquiry Commands

enq all

Issue an enquiry request for the following devices :

Radio
Navigation Computer
Telephone
Television
Button Board
DSP Amplifier
Sirius Tuner

If installed the devices may respond and the Intravee will display their output.

enq rad

Issue an enquiry request for the Radio. The Radio may respond and the Intravee will display it's output.

enq nav type

Issue an enquiry request for the Nav computer display mode. The Nav computer may respond and the Intravee will display the display mode.

enq nav

Issue an enquiry request for the Nav computer. The Nav computer may respond and the Intravee will display it's output.

enq tel

Issue an enquiry request for the Telephone. The Telephone may respond and the Intravee will display it's output.

enq tv

Issue an enquiry request for the Television. The Television may respond and the Intravee will display it's output.

enq bmb

Issue an enquiry request for the Button Board. The Button Board may respond and the Intravee will display it's output.

enq dsp

Issue an enquiry request for the DSP amplifier. The DSP amplifier may respond and the Intravee will display it's output.

enq sir

Issue an enquiry request for the Sirius radio. The Sirius radio may respond and the Intravee will display it's output.

enq mid

Issue an enquiry request for the MID (Multi Information Display). The MID may respond and the Intravee will display it's output.

enq iris

Issue an enquiry request for the IRIS (Integrated Radio Information System). The IRIS may respond and the Intravee will display it's output.

enq global

Issue a global enquiry request. Various components may respond and the Intravee will display their output.

ike time

Requests the time and date from the IKE.

8.CD/DVD/MD Changer Control Commands

p

Issue the Pause command.

P

Issue the Play command.

Z

Issue the power off command.

Z

Issue the power on command.

d

Issue the previous disc command.

D

Issue the next disc command.

t

Issue the previous track command.

T

Issue the next track command.

f

Issue the previous folder command.

F

Issue the next folder command.

+

Issue the fast forwards command.

-

Issue the rewind command.

gotoX

Goto track *X*.

dX

Select disc *X* from the magazine.

9. Tuner Control Commands

m

Scan to the previous multiplex.

M

Scan to the next multiplex.

<

Select the previous station.

>

Select the next station.

tun on

Issue the tuner power on command.

tun off

Issue the tuner power off command.

tun conf

Issue the tuner configuration command.

tunsX

Set tuner preset *X*.

tungX

Select tuner preset *X*.

rp

Reset all tuner preset names .

hdrest

Reset the HD radio module.

10. Source Selector Commands

srcX

Select source number X.

auxX

Select Aux port number X.

11. Button Board Key Emulation Commands

bmbd mode

Emulate pressing the mode key.

bmbu mode

Emulate releasing the mode key.

bmbd taperev

Emulate pressing the tape reverse key.

bmbi taperev

Emulate pressing and holding the tape reverse key.

bmbu taperev

Emulate releasing the tape reverse key.

bmbd left

Emulate pressing the left arrow key.

bmbi left

Emulate pressing and holding the left arrow key.

bmbu left

Emulate releasing the left arrow key.

bmbd right

Emulate pressing the right arrow key.

bmbi right

Emulate pressing and holding the right arrow key.

bmbu right

Emulate releasing the right arrow key.

bmbd p1

Emulate pressing the 1 key.

bmbi p1

Emulate pressing and holding the 1 key.

bmbu p1

Emulate releasing the 1 key.

bmbd p2

Emulate pressing the 2 key.

bmbi p2

Emulate pressing and holding the 2 key.

bmbu p2

Emulate releasing the 2 key.

bmbd p3

Emulate pressing the 3 key.

bmbi p3

Emulate pressing and holding the 3 key.

bmbu p3

Emulate releasing the 3 key.

bmbd p4

Emulate pressing the 4 key.

bmbi p4

Emulate pressing and holding the 4 key.

bmbu p4

Emulate releasing the 4 key.

bmbd p5

Emulate pressing the 5 key.

bmbi p5

Emulate pressing and holding the 5 key.

bmbu p5

Emulate releasing the 5 key.

bmbd p6

Emulate pressing the 6 key.

bmbi p6

Emulate pressing and holding the 6 key.

bmbu p6

Emulate releasing the 6 key.

bmbd tone

Emulate pressing the Tone key.

bmbu tone

Emulate releasing the Tone key.

bmbd sel

Emulate pressing the Sel key.

bmbu sel

Emulate releasing the Sel key.

bmbd am

Emulate pressing the AM key.

bmbu am

Emulate releasing the AM key.

bmbd fm

Emulate pressing the FM key.

bmbu fm

Emulate releasing the FM key.

bmbd onoff

Emulate pressing the volume knob.

bmbu onoff

Emulate releasing the volume knob.

bmb voldn

Emulate turning the volume down.

bmb volup

Emulate turning the volume up.

bmbd menw

Emulate pressing the Nav controller knob.

bmbi menw

Emulate pressing and holding the Nav controller knob.

bmbu menw

Emulate releasing the Nav controller knob.

bmb menw left

Emulate turning the Nav controller knob left.

bmb menw right

Emulate turning the Nav controller knob right.

bmbd menu

Emulate pressing the Menu key.

bmbi menu

Emulate pressing and holding the Menu key.

bmbu menu

Emulate releasing the Menu key.

bmbd radmenu

Emulate pressing the Rectangles key.

bmbu radmenu

Emulate releasing the Rectangles key.

bmbd clock

Emulate pressing the Clock key.

bmbi clock

Emulate pressing and holding the Clock key.

bmbu clock

Emulate releasing the Clock key.

bmbd info

Emulate pressing the Info key.

bmbu info

Emulate releasing the Info key.

12. Multi Function Wheel Commands

wheel voldown

Emulate pressing the Wheel Volume Down key.

wheel volup

Emulate pressing the Wheel Volume Up key.

wheeld left

Emulate pressing the Wheel Left key.

wheell left

Emulate pressing and holding the Wheel Left key.

wheelu left

Emulate releasing the Wheel Left key.

wheeld right

Emulate pressing the Wheel Right key.

wheel right

Emulate pressing and holding the Wheel Right key.

wheelu right

Emulate releasing the Wheel Right key.

wheeld phone

Emulate pressing the Wheel Voice key.

wheel right

Emulate pressing and holding the Wheel Voice key.

wheelu phone

Emulate releasing the Wheel Voice key.

wheel rt

Emulate pressing the Wheel R/T key.

13. Net IC Control Commands

rl

Reset the net IC low.

rh

Reset the net IC high.

download

Update the Net IC firmware.

start net

Startup the Net IC.

stop net

Stop the Net IC.

read mc

Read the master checksum from the net firmware.

read maj

Read the major version from the net firmware.

read min

Read the minor version from the net firmware.

14. Low Level Net Commands

ns command

Send the net command specified.

o

Turns off Net power.

O

Turns on Net power.

,

Invalidate the current disk information.

”

Invalidate the current magazine status.

15. Low Level iBus Commands

israw

Send the ibus command specified, no checking or calculations are performed.

iscc command

Send the ibus command specified, the length and calculated checksum are calculated.

is command

Send the ibus command specified, the length and checksum are verified.

ts Text

Send the text 'Text' as a Phone message to the display.

ibus always on

Prevent the Intravee entering sleep mode.

update

Update the display.

dispon

Turn on display override.

dispoff

Turn off display override.

16. Status Display Commands

ps

Displays the requested and current playstate.

locks

Displays the state of various blocking interlocks.

diag

Display bootloader version and diagnostic flags.

modes

Displays the requested and wanted Intro Scan and Repeat modes.

debugc

Display the debug counters.

ibusc

Display the iBus counters.

ainetc

Display the AI-Net counters.

ver

Display the current firmware version.

opparams

Displays various parameter settings.

genc or ?

Display the general counters.

dumpf

Display the fatal error log.

dumpt

Display the temporary error log.

pj

Display the current job ID.

x

Display the state of various display control flags.

.

Display the current track information.

..

Display the alternate source track information.

print journal

Displays the current content of the journal.

17. Miscellaneous Commands

netnoshort

Prevent display of short AI-Net packets.

prog bl

Program the bootloader.

CAUTION, if the Intravee power is disconnected during bootloader programming it will have to be returned to Intravention for reprogramming.

init pairing

Initiate Bluetooth Pairing mode if a Bluetooth ULF module is installed.

panic

Create an artificial panic reset.

kill

Enter sleep mode.

resetc

Reset the general counters.

resetd

Reset the debug counters.

reboot

Reboot the Intravee.

boot

Reboot to the bootloader.

echo

Turn on serial echo.

noecho

Turn off serial echo.