Guide to Setup WOL

for iNet Pro and iNet WOL





How to setup wake on lan

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How to setup wake on lan

A step by step Guide for iNet Pro and iNet WOL

Introduction

Setting up wake on lan is be a more or less complicated task. We have done everything possible to simplify this in our iNet WOL and iNet Pro iPhone Apps.

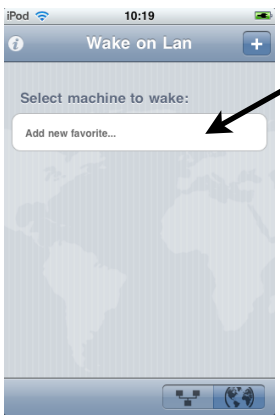
This step by step guide is designed to help you with the setup procedure.

We have to mention in the beginning that even if you did set up everything in a correct way WOL may not work for reasons that are out of your control. This is the experience of a lot of people that are concerned with this task.

The setup procedure is devided in two sections: Setup for local network (LAN) and setup for remote access (e.g. via Internet). Please start always with the local setup.

1 - Setup for local Network (LAN)

1.1 - Start by adding a device



Tap on „Add new favorite“

(if you already did setup devices, tap the „+“ button)

1.2 - Adding a device by „Search network for devices“ (auto setup)

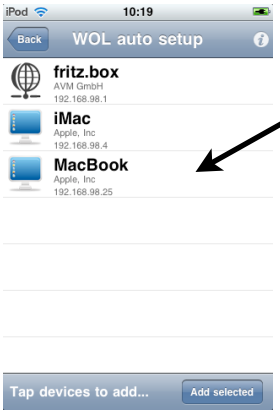


1.3 - iNet searches for devices in your network



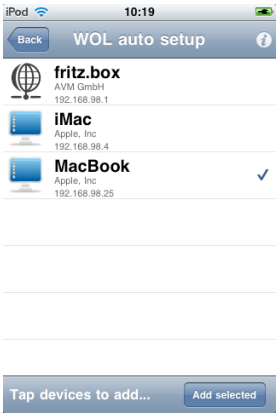
Make sure your iPhone is connected to the network that you want to search for devices.

1.4 - The list of found devices is shown



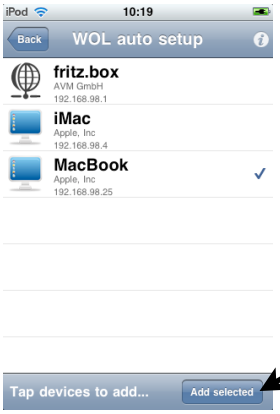
You get a list of found devices. Tap on the devices you want to add.

1.5 - List of found devices



You see a marker on the right side for all devices you tapped on.

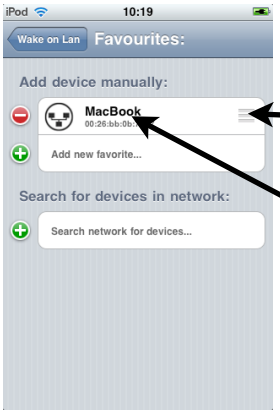
1.6 - List of found devices



To add the marked devices to your favorite list tap on the „Add selected“ button.

If you did not mark at least one device no computer will be added to your favorite list.

1.7 - The editable favorite list



All previously tapped devices are shown in this list.

If there is more than one device you can reorder them by using the button on the right side and slide the row to the place you want.

If you want to control whether the data where entered correctly tap on the row.

1.8 - Control the data

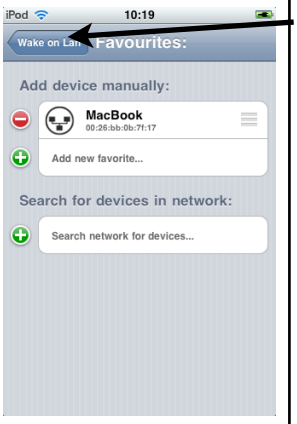


You see the data iNet did enter automatically for you. All fields should have some data.

To change anything (e.g. the name) just tap on the row.

If you are ready tap on the save button.

1.9 - Finish local LAN autosetup



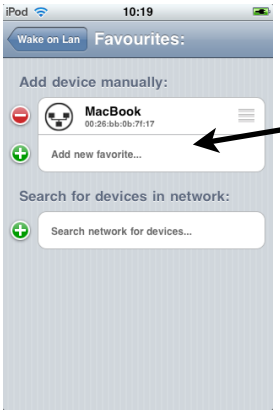
Tap on „Wake on Lan“ to finish your setup.

If you want to add more devices repeat the procedure by tapping on the „Search network for devices“ again.

Alternatively you can add a device manually as described in the following section.

The next part explains how to setup a device manually.

1.10 - Adding a device to wake up in the local network manually



Open the favorites list and tap on „Add new device“

1.11 - Fill in the data

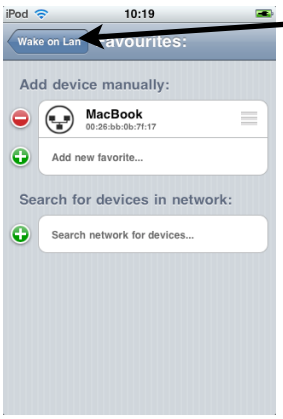


Start by entering a name for the device you want to add.
Next enter the IP address of the device int the IP address field.

Next tap on the field for the subnet mask. iNet will automatically add the detected subnet mask and the MAC address. If this does not work automatically but you did enter the correct IP (e.g. if the device you want to add is a „hidden“ device, you have to enter the MAC address manually. It has a form like xx:xx:xx:xx:xx:xx (six parts divided by „:“)

Tap on „save“

1.12 - Finish local LAN manual setup



Tap on „Wake on Lan“ to finish the setup and to open the Wake on Lan device list.

1.13 - Finish local LAN setup



You have successfully setup one or more devices for wake up in your local network.

Set your device to sleep and test the wake up.

If it does not work it can have two reasons:
1) The data you entered manually were not correct
2) The device to wake up is not configured correctly (look into BIOS and/or energy settings of the device.

2. How to setup remote wake on lan

Introduction

Setting up remote wake on lan is be a more or less complicated task. We have done everything possible to simplify this in our iNet WOL and iNet Pro iPhone Apps.

This section describes how to set up remote WOL (wake on lan via internet).

We have to mention in the beginning that even if you did set up everything in a correct way WOL may not work for reasons that are out of your control, in particular for remote WOL. This is the experience of a lot of people that are concerned with this task.

This section presumes that you successfully finished the setup for local wake on lan as described in section 1 of this document.

Preconditions for remote WOL:

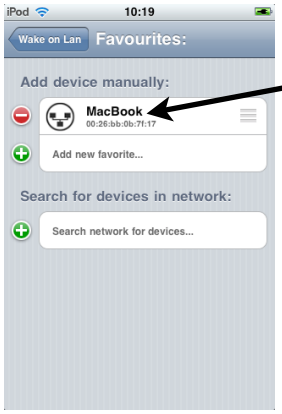
1. You must have an address where you are reachable via internet. If you do not have an own reachable (and fixed) address you have to obtain one. There are several ways to get one (even at no cost), e.g. at http://www.dyndns.org.

2. You have to have a router that is capable of forwarding „magic packets“ (most routers can do this)

3. You have to setup an UDP-port forwarding in your router leading to your device IP address and know the port that is forwarded to the device you want to wake up. Some infos on how to set up your routers portforwarding you can find at http://portforward.com/

4. Your device to wake has to be capable of WOL and must be set up correctly (BIOS, energy saving settings, ...)

2.1 - Open the the device data for editing



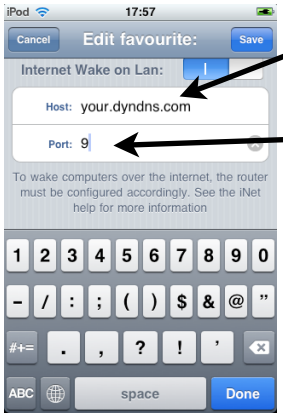
Tap on the device row you want to set up (resp. edit) in the favorites list.

2.2 - Activate internet wake on lan



Switch the „Internet wake on lan“ button to „I“

2.3 - Enter the data

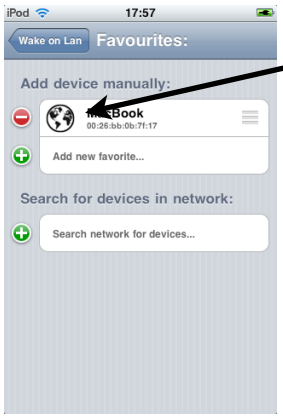


In the host field enter your internet address (e.g. you the address you obtained from dyndns.org)

Enter the port you entered in the WOL settings of your router.

Tap on the „Save“-button.

2.4 - Finish remote WOL setup



In the favorites editing list you can see now that for this device remote wol has been enabled, stated by the small earth sign.

End the setup by tapping on „Wake on Lan“.

Be aware that the earth sign does not mean that you have entered the correct data (or that your system at all is remote wol capable).

2.5 - The remote wake on lan test

We assume you have successfully tested local wake on lan. If this works,

- setup your router if you have not done already
- connect your iPhone to another wifi network or by phone to the internet
- set your computer to sleep
- start iNet WOL
- press your thumbs
- click on the device in the wake on lan screen.

Your computer wakes up.

If not, as next step you should test whether another wake up tool can wake your device over the internet. You could f.e. use http://www.depicus.com/wake-on-lan/woli.aspx . for testing purposes.

If your computer does not wake up there might be something wrong with the settings of your router. Please control wether you did set up the port forwarding to the correct IP address and did enter the same UDP port in the router as in the other program.

If your computer wakes up it with this tool is very likely that the settings of iNet have been incorrectly entered. Please control all settings.

2.7 - Common problems

It happens that some routers forget the entered port forwarding setup after a short while (10 to 45 minutes). In this case you have to setup static routing in your router (contact your router dealer and ask how to do this). This means that the routing works after the router did update its ARP table (and so did „forget“ about the device IP it should forward the wake on lan „magic packet“ to)

2.8 - WOL via VPN

iNet should wake up via VPN-connection. If you did not enter a remote wake on lan address, it can happen that some routers do not forward the magic packet. In this case enter in the „Wake over Internet“ section as host the local IP address of the device (e.g. „192.168.1.10“) instead of your external address (e.g. „your.dyndns.org“) and in the port field the same port that you entered in the router. This often solves this problem.

Have fun.

For questions please contact our customer support at support@bananaglue.de.