D-DOOR

User Instruction Manual

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Steps to Complete
to Install Your D-Door

- Choose which mode of operation would you like to start:
    1) Offline Mode
    2) Online Mode*

- Install the *D-Door* on your desired dog door
- Follow the appropriate steps of the chosen mode to complete the *D-Door* setup

Physical Installation of the System:

To install the *D-Door,* please follow the next steps:

1) Separate the *door* system and the *cap* for the flap.
2) Get the double-sided adhesive tape and tape the back of the *door* system to the frame of the dog door – located under the flap.
3) Get the double-sided adhesive tape and tape the back of the *cap* for the flap to the flap of the dog door.
4) Follow the next steps to do the software setup of your *D-Door*.

With any complications while installing your *D-Door*, please reach our customer support line on Telegram.

@D_DoorSupportbot

*The *Online mode* setup description is as detailed as it can be to make the setup easier. The steps might be easier than it looks.

Modes of Operation

Offline Mode:

During the offline mode, the *D-Door* will work based on proximity. For the door to unlock, the registered collar must be nearby. While the collar is far, the door will remain locked.

Please follow the next steps to complete the setup of the *D-Door* in *Offline mode.*

Steps:
1) Open the battery compartment found on the door.
2) Insert the battery on door's battery clip.
3) Open the battery compartment found on the collar.
4) Have the *collar* near the *door and* insert the battery on the collar's battery clip.
5) Leave the *collar* near the *door* for around 3 minutes (the *door* will automatically register the *collar*).
6) The system registration is complete, and it is ready to be installed on the dog door.

If you would like to restart the *D-Door* in *Offline Mode*:
- Remove the battery from the door and the collar.
- Follow the steps of the offline mode again.

If you would like to change the *D-Door* from *Offline* to the *Online* mode later:
- Remove the battery from the door and the collar.
- Follow the steps of the online mode.

Online Mode:

During the online mode, the *D-Door* will work based on proximity. For the door to unlock, the registered collar must be nearby. While the collar is far, the door will remain locked. The online mode has advantages that are unique for that mode.

Benefits:
- Control the door from anywhere*.
- Use *Telegram* to control the door.
- *Lock* and *Unlock* the door when desired.
- Choose different settings for the door.
- Get information of the system – door status, how long the door has been opened/closed for, collar's approximate distance, number of collars connected to the door and approximate location of the dog (inside/outside).

If you would like to restart the *D-Door* in *Online Mode*:
- Using the *D-Door Bot found on Telegram*, choose *'/change'* located in the menu.
- The *D-Door* will automatically restart (*door* and *collar*).
- Follow the steps of the online mode again.

If you would like to change the *D-Door* from *Online* to the *Offline* mode later:
- Using the *D-Door Bot found on Telegram*, click on *'/change'* located in the menu.
- The *D-Door* will automatically restart (*door* and *collar*).
- Follow the steps of the offline mode.

*The *D-Door* system has to be connected to the internet – collar and door – and the user must be connected to the internet, to control the system through the *D-Door Telegram bot*.

Please follow the next steps to complete the setup of the D-Door in Online mode.

Step 1: Download the app Telegram in your smartphone

Please scan the following QR codes to download the app -:

Apple Store:
 (For Apple smartphones)

Figure 1 - Telegram on App Store

Google Play:
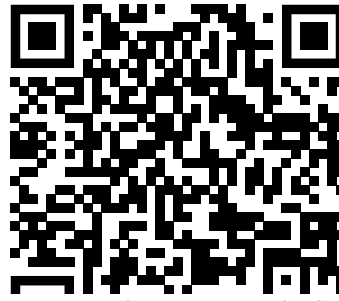(For Android smartphones)

Figure 2 - Telegram on Google Play

If you don't have an account:
- Please create an account*.
- After signing up on *Telegram*, continue with the next steps.

If you already have an account:
- Please sign in your account.
- Continue with the next steps.

**D-Door* has no affiliation with the app *Telegram*. The app was chosen due to its usability, user security and unique identification for each account. If you don't want to use the app, please use the system in offline mode. It is also recommended to get familiar with the app for better user experience.

Step 2: Start the D-Door Bot

    1)   Scan the following QR code to be directed to the *D-Door Bot**.

Figure 3 - D-Door Bot QR Code

    2)   Press *'Start'*.

*Or click on the 'new message' icon, and on the search box look for *@d_doorbot*.

Step 3: Get your Telegram user ID

    1)   Scan the following QR code to be directed to the *ID Bot**.

Figure 4 - ID Bot QR Code

    2)   Press *'Start'*.
    3)   *Stay in chat with the ID Bot and follow the next steps*

If you would like to have a single user control the *D-Door*, please follow step 3a.
If you would like to have a group control the *D-Door,* please follow step 3b.

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*Or click on the 'new message' icon, and on the search box look for *@myidbot or @d_doorbot*.

Step 3a: Telegram user ID for a single person

1) Stay in the chat with the *ID Bot*.
2) On the 'Menu' tab, please choose *'/getid'*.
3) Save your unique user ID somewhere – you will use it later.
4) Continue with next steps.

Step 3b: Telegram user ID for a group and add the D-Door Bot to the group

1) Go back to your *chats*.

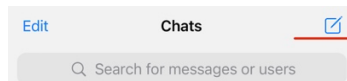Figure 5 - Telegram Chats

2) Click on the '*New message*' icon.

Figure 6 - New Message Icon

3) Choose 'New group'.
4) Add the desired people to the group.
5) Name the group (add picture if desired).
6) Click on 'Create'.
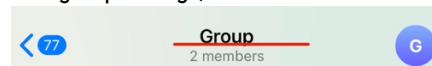7) Click the group's name (to open the group settings).

Figure 7 - Group's Name

8) Click 'Add members'.
9) On the search box, look for @myidbot and click on it.
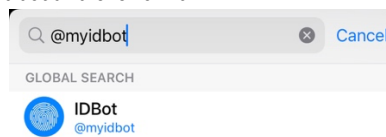

Figure 8 - ID Bot Searching

10) Press 'Yes' to add bot to the group.
11) Refresh the group (go back to the chat menu or click again on the group's name).

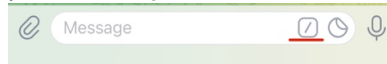12) Click on the '/' icon that showed up in the message box.

Figure 9 - '/' Icon

13) Choose '/getgroupid'.
14) Save your unique group ID somewhere – you will use it later (group IDs are a negative number).
15) Repeat steps 7 and 8 again (this time the *D-Door Bot* will be added to the group).
16) On the search box, look for @D_doorbot and click on it.
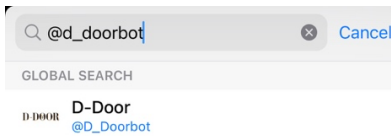
Figure 10 - D-Door Bot Searching

17) Press 'Yes' to add bot to the group.
18) Refresh the group (same as step 10, but this time it might take a little bit longer for the *BOT's* content to load in the group).
19) Continue with next steps.

Step 4: Get the Door Ready

1) Open the battery compartment found on the <u>door</u>.
2) Insert the battery on <u>door's</u> battery clip.
3) Use a phone or a computer to connect the *door* to the internet.
   a) Go to your phone/computer's Wi-Fi settings.
   b) Choose the *D-Door Network: Door.*

Figure 11 - D-Door Network

   c) When the *Wi-Fi Configuration* page comes up, click on *Configure Wi-Fi*.
   d) A list of the Wi-Fi networks around will show (it might take a little to load). Click on the network you want, to connect your *door* to.

Figure 12 - List of Networks

e)	In the 'Password' box, put your Wi-Fi password.
f)	In the 'Telegram Chat ID' box, put your/group's telegram ID (from step 3a or 3b).
g)	Press the 'Save' button.
h)	While the system is trying to connect to the internet, a message will display.
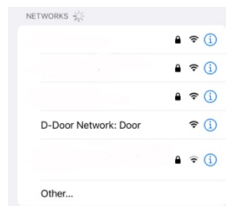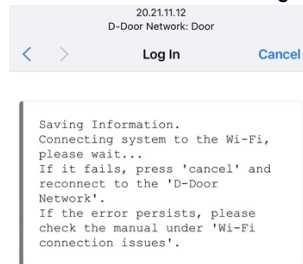

Figure 13 - Connection Message

i)	When the *door* connects to the internet, the *Wi-Fi Configuration* page will automatically close (if it doesn't, check page 17 to troubleshoot).
4)	If the *Telegram ID* is correct, the *D-Door Bot* will send you a message to complete the registration*.

Hello, please choose 'confirm' on the menu below to complete the registration.
20:23
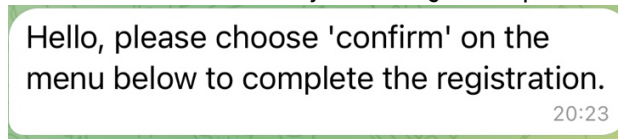
Figure 14 - Registration Message

5)	On the menu, please choose 'confirm' to register your product**.

Lock Door	/lock
Unlock Door	/unlock
Normal mode	/setting_1
Close distance mode	/setting_2
Always unlocked mode	/setting_3
Always locked mode	/setting_4
Give your dog a hall pass	/hall_pass
Show latest information	/info
For any help with the system	/help
Confirm registration	/confirm
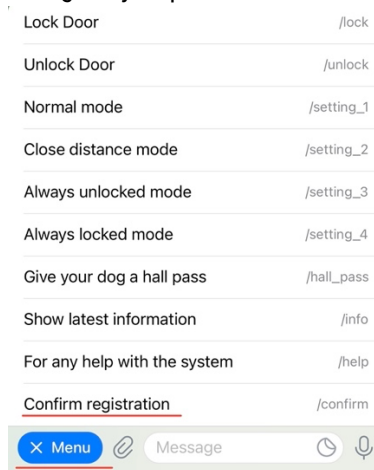
Figure 15 – Confirmation

6)	The *D-Door Bot* will send you a welcome message (have in mind that none of the other options will work until you connect your collars to the system).
7)	If you receive the welcome message, please continue with the next step.

* If you don't receive a message from the *D-Door Bot*, that means your *Telegram ID* entered in the box is not correct. If so, wait for the system to restart and try again with the correct *Telegram ID.*
** If the system doesn't receive a 'confirm', the product won't be registered. After 1 minute and 30 seconds, if the system's registration is not complete, the door will automatically restart. Once the system restarts, you will need to repeat steps 1 to 5.
*** The menu's is two bars, but when you click it, the 'x' shows.

Step 5: Get the Collar(s) Ready

1) Have the collar near the door – for the *door* to automatically register the *collar*.
2) Open the battery compartment found on the <u>collar</u>.
3) Insert the battery on <u>collar's</u> battery clip.
4) Use a phone or a computer to connect the *collar* to the internet.
   a) Go to your phone/computer's Wi-Fi settings.
b) Choose the *D-Door Network: Collar. (Similar to figure 11)*
   c) When the *Wi-Fi Configuration* page comes up, click on *Configure Wi-Fi*.
   d) A list of the Wi-Fi networks around will show (it might take a little to load). Click on the network you want, to connect your *collar* to. *(figure 12)*
   e) In the 'Password' box, put your Wi-Fi password.
   f) Press the 'Save' button.
   g) While the system is trying to connect to the internet, a message will display. *(Figure. 13)*
   h) When the *collar* connects to the internet, the *Wi-Fi Configuration* page will automatically close (if it doesn't, check page 17 to troubleshoot).
5) If a *collar* is registered correctly, the *D-Door Bot* will send a message notifying that the system is ready to be used*.
   a) If you have more *collars* to connect, please follow the same steps for each *collar***.
6) By having the *collars* near the *door*, it will automatically register the *collar* to the appropriate *door.*
7) The system should be working in the <u>*Online mode*</u>.

* If you don't receive a message from the *D-Door Bot*, that means your *collar* didn't connect to the Wi-Fi correctly. Please remove the battery from the *collar* and repeat steps 3 and 4.
** You can check how many *collars* are connected to your *door*. In the 'Menu' choose "info" and the *D-Door Bot* will send how many *collars* are connected to the system. Make sure that number matches the number of *collars* you connected. If it doesn't, check the '*' above.

Online Mode Usage & Settings:

To control your _door_, please follow the steps of the _Online mode_. If the setup has been complete already, and the _collar(s)_ have been connected to the door, the _Online_ mode is ready to be used. You can start sending the commands to the _door*_. Press on the _D-Door Bot 'Menu'_ to see all the options available.
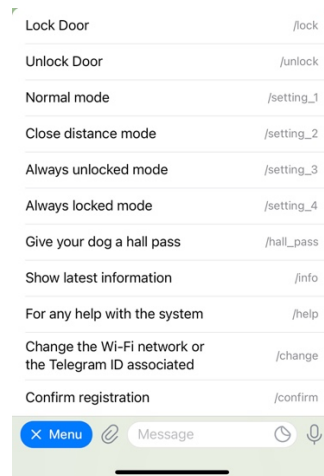

Lock Door	/lock
Unlock Door	/unlock
Normal mode	/setting_1
Close distance mode	/setting_2
Always unlocked mode	/setting_3
Always locked mode	/setting_4
Give your dog a hall pass	/hall_pass
Show latest information	/info
For any help with the system	/help
Change the Wi-Fi network or the Telegram ID associated	/change
Confirm registration	/confirm

Figure 16 - Full Menu

The following are settings and advantages while using the _Online mode_.

Lock Door

To manually lock the _door_, choose the _/lock option_ on the menu.

When the system is in _always unlocked mode_, by pressing _/lock_, the system will lock for 10 seconds. After that, the _door_ will unlock and remain unlocked until another setting is chosen.

When the system is in _always locked mode_, nothing will be affected by pressing _/lock_. The _door_ will remain locked until another setting is chosen.

When the system is in _normal mode_ or _closer mode_, by pressing _/lock_, the _door_ still will work normally according to the setting.

*The _door_ will acknowledge the _Telegram_ commands once every second.

Unlock Door

To manually unlock the *door*, choose the */unlock option* on the Menu.

When the system is in <u>*always locked mode*</u>, by pressing */unlock*, the system will unlock for 10 seconds. After that, the door will lock and remain locked until another setting is chosen.

When the system is in <u>*always unlocked mode*</u>, nothing will be affected by pressing */lock*. The *door* will remain locked until another setting is chosen.

When the system is in <u>*normal mode*</u> or <u>*closer mode*</u>, by pressing */unlock*, the *door* still will work normally according to the setting.

Confirm

Choose this option when you want to finish registering the system during setup. When changing the Wi-Fi or the *Telegram ID* through *Telegram,* a confirmation will be needed too**.

Setting 1 – Normal mode

During the *normal mode*, the system will lock and unlock based on the *collar(s)* proximity to the *door*. In this setting, the *door* will be locked at a farther distance. The *door* will remain unlocked for a longer distance in case the dog decides to come back before the system is locked – to save battery. The *door* is unlocked when the dog is close by.

Setting 2 – Closer mode

During the *closer mode*, the system will lock and unlock based on the *collar(s)* proximity to the *door*. In this setting, the *door* will be locked at a closer distance. As soon as the dog is away from the *door,* it will lock. The *door* is unlocked when the dog is close by.

**See <u>*Change*</u> option.

Setting 3 – Always unlocked mode

During the *always unlocked mode*, the system will unlock and remain unlocked until another setting is chosen. If the dog is far and the *door* is running in this setting, the *door* will remain unlocked.

Setting 4 – Always locked mode

During the *always locked mode*, the system will lock and remain locked until another setting is chosen. If the dog is near and the *door* is running in this setting, the *door* will remain locked. In this setting, the system allows 'hall-pass(es)' to be used*.

Info

When */info* has been chosen, the *D-Door Bot* will check on some information from system and send it to you through a series of messages**. While the system is sending the messages, you won't be able to control the *door* until the system is done sending them.

Informational messages include:

> Door Status – this message is the last status checked of the door. If the door is unlocked, the system will send an 'open'. If is unlocked, it will send a 'closed'.

> Door Status Timer – this message is how long the door has been locked/unlocked for.

> Distance – this message is the approximate distance of the *collar* during the check. It shows how far the *collar* is to the door.

> Location – this message is an approximate concept if the dog is inside or outside of the house.

> Number of Collars – this message sends the number of collars connected to the door.

*Check hall-pass.
**The system might take a little bit to complete sending all the information messages.

Help

When */help* has been chosen, the *D-Door Bot* will send you help through a series of messages*. While the system is sending the messages, you won't be able to control the *door* until the system is done sending them. If you need extra help, please contact our customer support.

Change

When */change* has been chosen, the system will restart. The previous Wi-Fi settings and *Telegram ID* will be reset. The *D-Door Network (door and collar)* will be available for the *door* and all registered *collars.*

After pressing */change*, please follow the steps to get your system back to normal.

1- *Choose 'confirm' from the menu** (the same used for the setup).*
2- The system will go make the Wi-Fi networks available again
   a. Change the *Telegram ID:*
      i. Follow *step 2: Start the D-Door Bot* again – with the new account desired to control the door.
      ii. Follow *step 4: Get the Door Ready* again – with the new *Telegram ID* desired to control the door.
      iii. Follow *step 5: Get the Collar(s) Ready* again.

   b. Go back to *Online mode:*
      i. Follow from *step 2: Start the D-Door Bot* to *step 5: Get the Collar(s) Ready* of the *Online mode.*

   c. Go back to *Offline mode:*
      i. Follow the steps of the *Offline mode*

Hall-pass

When */hall-pass* has been chosen, each *collar* registered to the *door* will receive <u>two</u> hall-passes. When the system is in *always locked mode*, and the collar has its hall-passes, it will allow the *collar* to unlock the *door* when nearby. The system will check the collar's proximity and unlock based on the number of hall-passes the collar has. Each time pressed, the collar will be able to use its two hall passes (one to go out and one to come in). Once the collar has used its hall passes, the *door* will lock again and remain locked – until more hall passes are given***, or the setting is changed.

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*The system might take a little bit to complete sending all the information messages.
**Please don't forget to send the confirmation, otherwise your system will keep resetting and it won't work as needed.
***Give an extra hall-pass if it makes you more comfortable – that way you know for sure your dog will be able to come in.

Troubleshooting

- ### *D-Door Network not showing*
  If the D-Door Network (for either collar or door) is not showing, please turn off your Wi-Fi and turn it back on. If that doesn't solve, please remove the battery from the system (*door* or *collar)* where the system's network is not showing.

- ### *Connection message didn't exit by itself*
  If the connection message didn't exit by itself, it's because the password for the Wi-Fi network chosen in the list of networks wasn't correct.
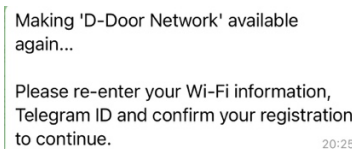
  - You can remove the battery from the system (*door* or *collar)* that you were setting up. If the D-Door Network appeared again, it's because the system didn't save the network, so please repeat step 4.3.A in sequence.
  - If the connection message exited after almost 2 minutes, the system went to the *offline mode*. Please remove the battery and repeat step 4.3.A in sequence.

- ### *Completed the setup from the collar and the door, but the system doesn't lock*
  Most likely one of the systems (*door* or *collar)* went into *offline mode* and the other into *online mode.* Please remove the battery and repeat step 4.3.A in sequence. If that doesn't work, please contact *Customer Support*.

- ### *I didn't receive a confirmation message from Telegram*
  Most likely your *Telegram ID* was not correct. Wait for the *reset message* (figure 17) Once you receive the message, please repeat step 4.3.A in. sequence.

  > Making 'D-Door Network' available again...
  >
  > Please re-enter your Wi-Fi information, Telegram ID and confirm your registration to continue.   20:25

  Figure 17 - Reset Message

- ### *System keeps resetting during the confirmation on Telegram*
  Please go to the *Menu* of the *D-Door Bot* and press on */confirm*. That will confirm the registration of your product and the reset will stop.

- ### *Can't send a command on Telegram*
  Please make sure you have at least one *collar* connected to the *door.* Also, make sure that you confirmed the registration of your product.

- ### *System is not working after sending '/change'*
  After you have re-entered the new *Telegram* ID (if that was being changed) and the Wi-Fi information for both *door* and *collar*, the system should send you the registration code again. If it doesn't, check the *Telegram* ID to see if its correct. Send a */confirm* before you hit */change*.

Thank you for being a part of the D-Door Community!

For any help with the system, reach our customer support line on *Telegram @D_DoorSupportBot*

@The-D-Door