Voice programming Manual

F-14B **F-15C EAGLE** **F/A-18C HORNET** **DCS: M-2000C** **Ka50 BLACK SHARK 2**

Introduction ....

This is an Add-on for Voice attack that enable voice control for DCS.
Currently it supports 5 modules the F-14B,F-15C,F-18C,M-2000C,KA-50.

It works by using the Keyboard.diff.lua and Voice Attack .VAP files.
Keyboard strokes are emulated using the DirectX key interface.

For a fast smooth low latency experience with high accuracy.
Once setup and running it gives you a superior flying experience.

DCS SERIES

https://forums.eagle.ru/showthread.php?t=227717

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VOICE ATTACK INSTALLATION

STEP 1

Purchase Voice Attack license [here](#) because you need the paid version for this to work.

STEP 2

Download Voice Attack from [here](#) and run the setup.exe and install it on C:\

STEP 3

Make sure your microphone is connected and the level bar in Voice Attack is moving.

STEP 4

Launch the built-in Windows Speech Recognition application.
Follow the speech recognition fine-tuning instructions.

STEP 5

Keep training the speech recognition in Voice Attack and Windows speech engine.

VOICE PROGRAMMING ADD-ON INSTALLATION

STEP 1

Purchase Voice Programming here

STEP 2

Download and extract folder to desktop with Winrar you will see folders inside.

STEP 3

There are 3 important folders these are the controls, this includes the Keyboard.diff.lua and should be copied in C:\Users\username\Saved Games\DCS\Config\Input\FA-18C example\keyboard.

Profiles named .VAP should be imported in Voice Attack using the import profile + button in Voice Attack and select the .VAP for every module profiles you like.

Copy the content from within the sounds folder to
C:\Program Files (x86)\VoiceAttack\Sounds

COUGAR MFD SOUND SETTINGS

You can enable the MFD clicking sounds by checking the box
When i press button and clicking the right button after that press ok.
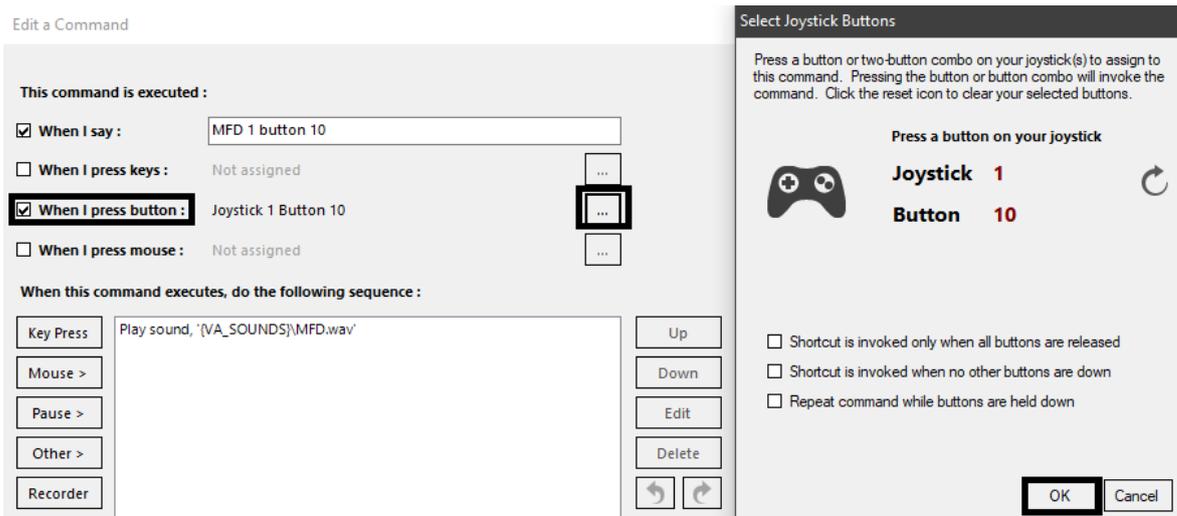
Do this for all the cougar MFD commands if you like the tactile feedback.
Voice Attack only supports 2 input devices so choose MFD or HOTAS profile.

You can easily switch between MFD and HOTAS profile but some steps are required.
Change the assigned devices in joystick options you can read more about it below.

HOTAS PUSH TO TALK SETTINGS
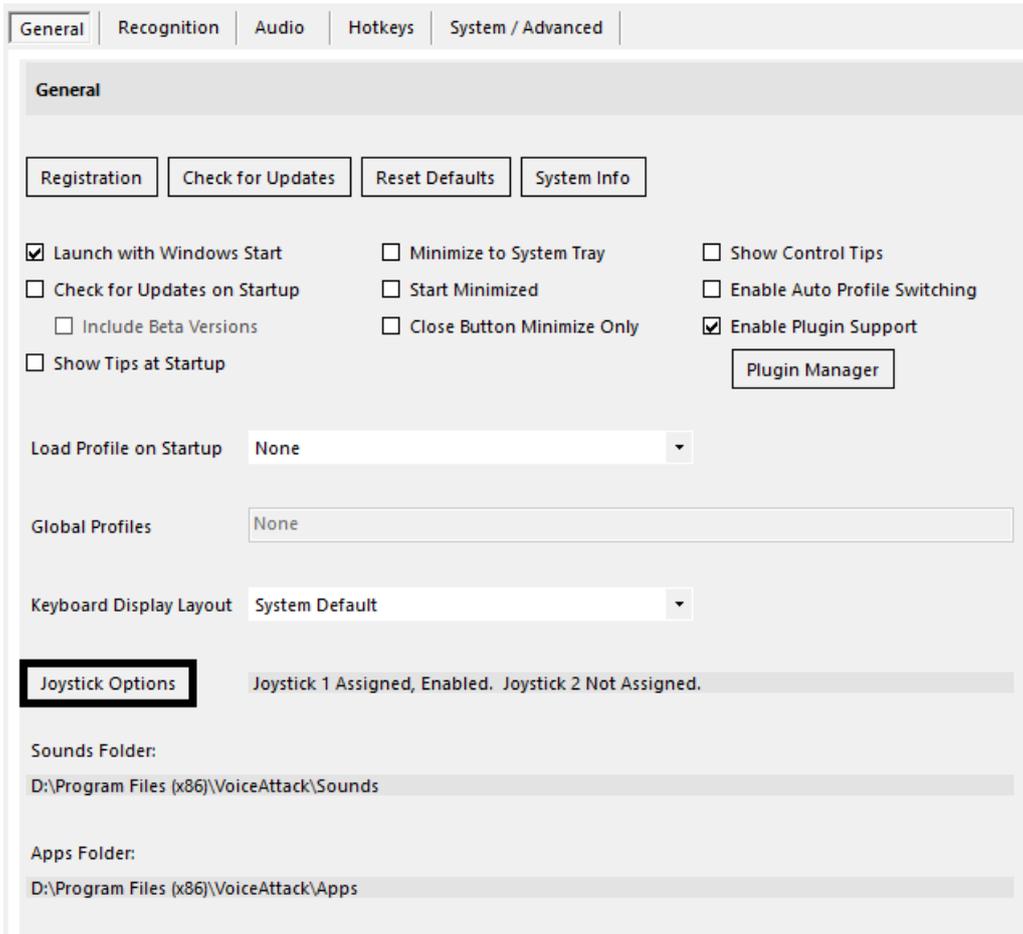
In Voice Attack click joystick options like in the image above.
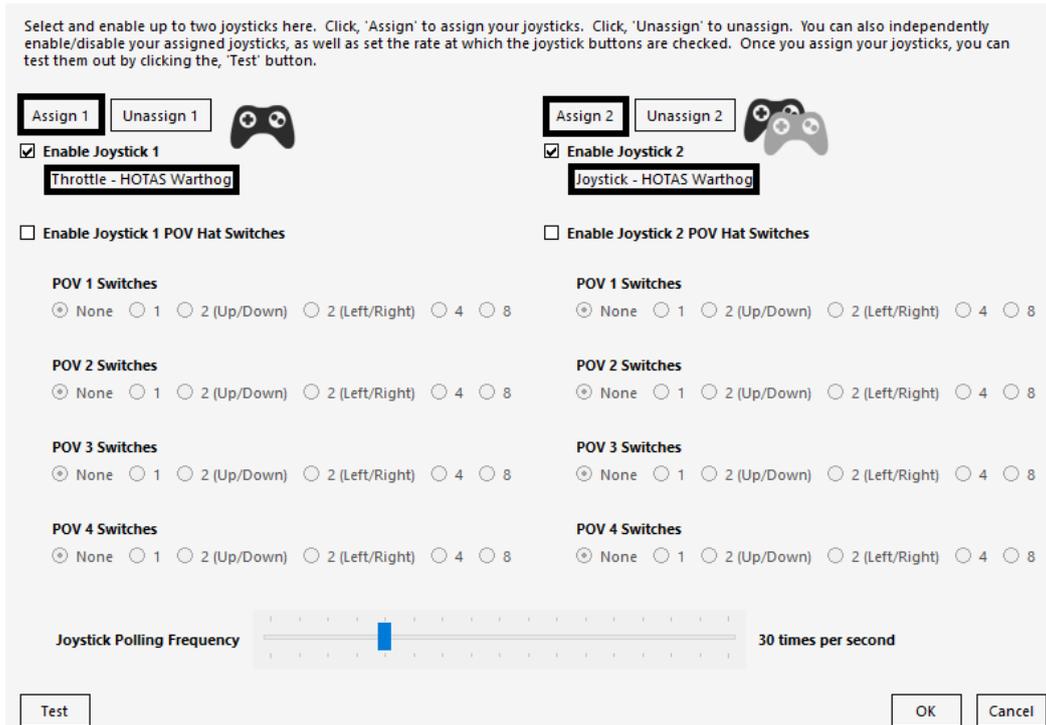
Assign the throttle for device 1 and assign the joystick for device 2.
You can change the default push to talk button inside the push to talk command.

DAISY CHAINING PROFILES

You can use Daisy chaining for using Voice programming with Vaicom pro.
And combining them in a single profile so you can use both of them.

Profile Name   F-14B version 1.42beta   Options

Go in Voice Attack to your profile name right side click options.

Profile Options
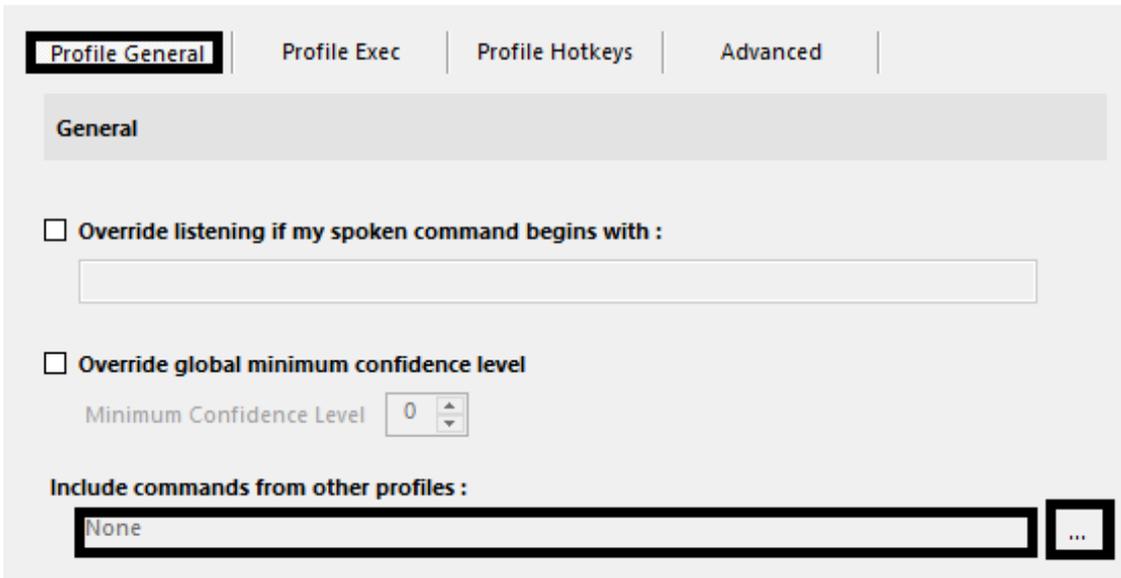
| Profile General | Profile Exec | Profile Hotkeys | Advanced |

General

☐ **Override listening if my spoken command begins with :**

☐ **Override global minimum confidence level**

   Minimum Confidence Level   0

Include commands from other profiles :

None   ...

Select profile general tab and choose Include commands from other profiles.
You will be presented with the screen below just add the commands to the profile.
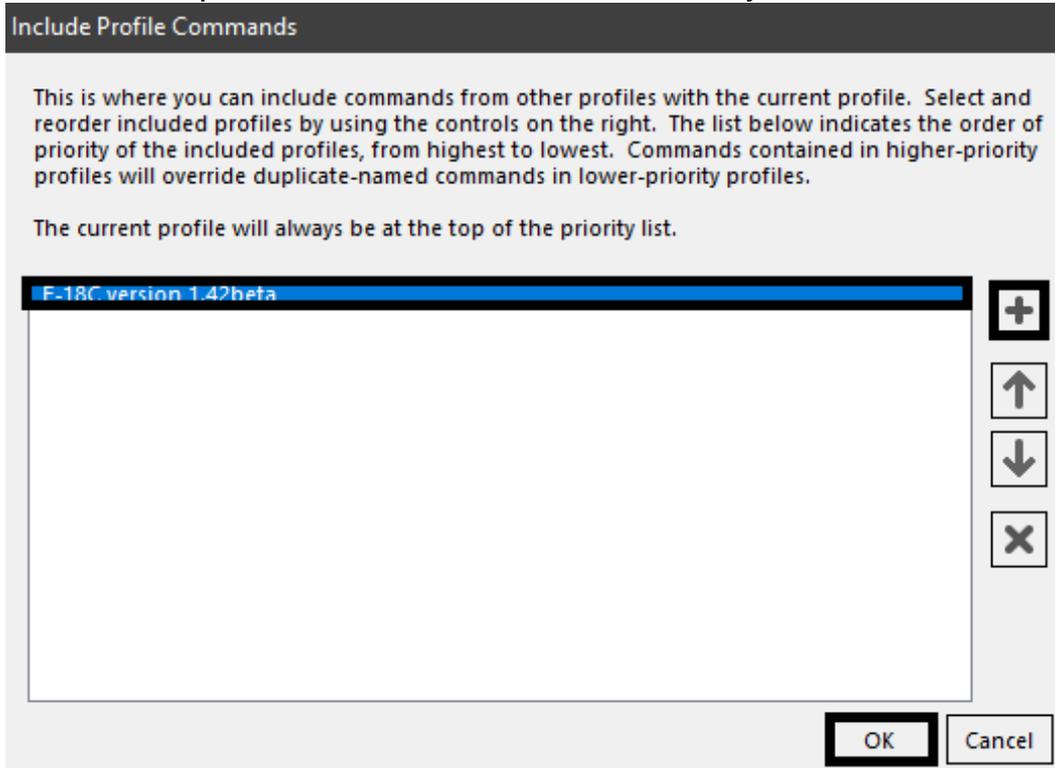
Include Profile Commands

This is where you can include commands from other profiles with the current profile. Select and reorder included profiles by using the controls on the right. The list below indicates the order of priority of the included profiles, from highest to lowest. Commands contained in higher-priority profiles will override duplicate-named commands in lower-priority profiles.

The current profile will always be at the top of the priority list.

F-18C version 1.42beta

+
↑
↓
✕

OK   Cancel

Click the + or add button and select example F-18C and add it to your Vaicom pro.
After this click ok you now merged Voice programming with Vaicom pro its that easy.

HOW TO USE VOICE PROGRAMMING

STEP 1

Run Voice Attack using administrator right click run administrator.

STEP 2

For some users set compatibility mode to windows 7 + step 1 (Windows 10 issues)

STEP 3

After you have installed the Keyboard.diff.lua and imported the .VAP you should be good. Checking in DCS ingame if controls now match Voice attack keyboard commands.

STEP 4

Test a few commands if they recognize the reponses and execute using the assigned keyboard keys from the Keyboard.diff.lua and Voice attack profile.

STEP 5

You can even test this in notepad when you issue a command a certain key should be pressed in notepad and this should also translate to game when window maximized.

HOW TO USE VOICE PROGRAMMING F-18C (EXAMPLE)

Lets start with a few simple F-18C Hornet commands example :
Tacan,on,off,autopilot,bank hold,heading set,heading select,altitude hold,IFF,Datalink.

Air traffic control ATC is also supported in all profiles, you can use this in single player.
Ground crew is also included you can repair,rearm,turn on/off groundpower,etc.
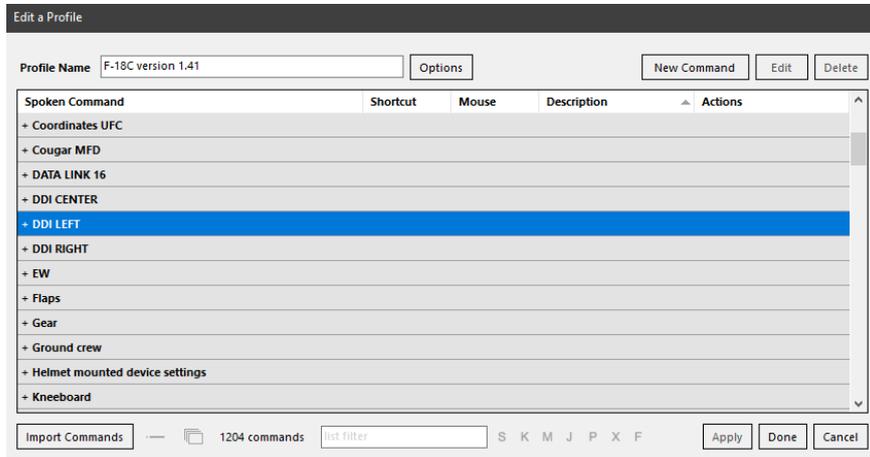
You can also navigate the DDI Left/Center/DDI Right using voice commands.
Including the Center SA page Data link from the recent update.

The SA page datalink for example is center DDI only for better compatibility.
Because it is impossible to please left and right DDI users at the same time.

Entering a Value for the Tacan [1..127] [Xray]..[Yankee]-[enter] also works.
Same for the Radio choose a preset [1-20] or comm 1 manual [100..399]..[enter].

This is pretty quick and will save you time from entering it with the mouse !!!

HOW TO USE VOICE PROGRAMMING F-14B (EXAMPLE)

Jester ai can be used for the F-14B to talk to him using Voice attack commands.
All the menu's are implement you have SHORTCUTS to the 8 category's.

It presses A key already to bring up the Jester menu, after that navigate with voice name of
the menu or digits.You can also bring and clear jester window it presses A key.

Mouse control and setting reponse times for the digits are also possible.

Tacan and navigation is also possible with Jester or Iceman but now you are using your
voice to control Jester and Iceman who are in charge of these functions.
It is your reponsibility to memorize most of the Jester and Iceman menu's.

In addition to Jester and Iceman you can also operate switches with your voice.
So the learning curve is a lot steeper with this module compared to the others.

JESTER MOUSE CONTROL

You can use the mouse for controlling the Jester menu but first you need to set it up.
Open the Voice programming F-14B profile in Voice attack first.

Press Lctrl+Lalt+Lshift+Spacebar and select your current screen resolution.
Not all resolution are supported at the moment right now.

Screen Resolution

Please pick your DCS monitor fullscreen resolution.
This is used for Jester mouse control.
If you change you mind later press: LCtrl+LAlt+LShift+Space

2560x1080	∨

OK   Cancel

After you did the setup start DCS go to the Jester menu and use mouse scroll up.
This presses the A key to bring up the menu and activate mouse control.
You can now just click stuff using right mouse button using the Jester mouse commands.

JesterMouseMenu (voice disabled)	[Scroll Forward]
Jester mouse control	[Right]

You are also free to disable or remove these commands if you are not gonna use it.
Or if your resolution is not supported but this is not required or neccesary.

Like most of the commands in these profiles always make sure you DCS window is
maximized from within Voice Attack profile options and the commands themselfs.

You are able to use the Jester mouse control or Jester menu commands or digits.

Reponse times for navigating the Jester menu can also be set to :

Slow response Normal response Fast response choose your preference.

ATC MENU COMMUNICATIONS

ATC works by emulating the F1-F12 function keys in DCS WORLD.

You can talk to your AI flight of other fighters to give them orders or commands.
You can control individual wingmen or the entire flight of fighters.

Example :

(2 Rejoin) This only commands wingmen two to rejoin you.
(3 Rejoin) This only commands wingmen three to rejoin you.
(Flight Rejoin) This commands all your wingmen to rejoin you.

Awacs and tanker communication are also supported.

Most of these commands press Right alt + / to bring up the ATC menu.
And after that select the correct function (F1-F-12) keys for that command.

Jtac basic support is only supported for the F-18C Hornet module.

These commands require you to press Right alt + / first to bring up the menu.
After that just say the name of the command and it will execute.

You can locate all these commands in the ATC sections in the Voice attack profile.

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Voice programming