

COMMAND NAME	Associated help
M4NBrakeMotor	M4NBrakeMotor[port,motors] breaks the specified motors (0, 1 or 2 or a list of those). Default option is Duration→1 the duration (sec) of the breaking (its takes too much power).
M4NDownloadToNXTFile	M4NDownloadToNXTFile[port,filename,content] writes the content list into the NXT in a filename.
M4NFileExistsQ	M4NFileExistsQ[port,filename] indicates if the file named exists on the NXT.
M4NFileNames	M4NFileNames[port,filestem] lists all the files on the NXT with a filename corresponding to filestem. Wildcards are allowed. Default option is FileDetails→None.
M4NInitialize	M4NInitialize[port] is used to inform the computer of the architecture of the robot. It performs various checks, upload MotorControl22.rxe if necessary, and the sets the sensors and the motors. Default options are {MotorA→None,MotorB→None,MotorC→None,Sensor1→None,Sensor2→None,Sensor3→None,Sensor4→None,SetVolume→Automatic,SetName→Automatic}
M4NMotorFreeQ	M4NMotorFreeQ[port,motor] indicates if the specified motor (0, 1 or 2) is occupied by a M4NRunMotorFor operation.
M4NReadSensor	M4NReadSensor[port, sensornumber] reads the current state of the sensor.
M4NRunMotor	M4NRunMotor[port,motors] runs the specified motors (0, 1, or 2 or a list of those).Default options are {MotorPower→100,TachoLimit→0,SpeedRegulation→True}.
M4NRunMotorFor	M4NRunMotorFor[port,motors] runs the specified motors (0, 1, or 2 or a list of those) for a specified number of degrees provided by TachoLimit. Default options are {MotorPower→100,TachoLimit→360,HoldBrake→False,SpeedRegulation→True, SmoothStart→True}.
M4NSearchModules	M4NSearchModules[port,targetbytes] scans all the module content for the presence of the target bytes. Default option is ListModules→False
M4NSetMotor	M4NSetMotor[port] is used to inform the computer of the motor types. Default options are {MotorA→None,MotorB→None,MotorC→None,ResetTacho→False}. Possible motor types are RegularMotor and TachoMotor.
M4NSetSensor	M4NSetSensor[port, opt] is used to set the sensor types. Default options are {Sensor1→None,Sensor2→None,Sensor3→None,Sensor4→None,ResetTacho→False}. Possible sensor types are TouchSensor, LightSensor, LightActiveSensor, SoundSensor, Pulse Sensor, RotationSensor, UltrasoundSensor and TemperatureSensor.
M4NStopMotor	M4NStopMotor[port,motors] cease to power the specified motors (0, 1 or 2 or a list of those).
M4NUploadFromNXTFile	M4NUploadFromNXTFile[port,filename] retrieve a file from the NXT. Default option is ContentType→"Binary".