COMPATIBILITY

BIOPAC Systems, Inc.
Registered to ISO 9001:2015

BIOPAC SOFTWARE	VERSION	OS*	SUPPORTED HARDWARE	BUILD (UNDER 'ABOUT' PULLDOWN MENU)
Acq*Knowledge*	5.0.8.1	Windows 10, 11 **IMPORTANT:** Not compatible with Chrome OS (for Chromebooks)	MP160/150/36R/ BioNomadix Logger Eye Tracking (Win) Smart Center B-Alert (Win) / Mobita (Win) BioHarnessBT (Win)/ Stellar (real-time and memory implants) (Win)	10.20.2023
	5.0.8	Windows 10, 11 **IMPORTANT:** Not compatible with Chrome OS (for Chromebooks)	MP160/150/36R/ BioNomadix Logger Eye Tracking (Win) Smart Center B-Alert (Win) / Mobita (Win) BioHarnessBT (Win)/ Stellar (Win)	09.13.2022
		macOS 10.13-12**		09.23.2022
	3.8.2 localized : -CS, -CT, FR, -IT, -JP, -ES	Windows Vista & XP	MP150/MP100	03.29.2007
Biopac Student Lab	4.1.7 Lessons & PRO localized: -ES, -FR, -JP, -CT, -CS	Windows 10, 11 **IMPORTANT:** Not compatible with Chrome OS (for Chromebooks)	MP36A/36/35 4-Ch MP46 2-Ch MP41 1-Ch	Win 11.03.2022 Mac 11.04.2022
		macOS 10.13-12**		
	4.1.6 Lessons & *PRO* localized: -ES, -FR, -JP, -CT, -CS	Windows 10 and 8.x **IMPORTANT:** Not compatible with Chrome OS (for Chromebooks)	MP36/35 4-Ch MP46/45 2-Ch MP41 1-Ch	02.01.2021
		macOS 10.15-10.14 **IMPORTANT:** Not yet compatible with macOS 11 (Big Sur)		02.01.2021
	3.7.5 Lessons localized: -CS, -CT, -FR, -ES, RU	Windows 7, Vista & XP	MP45	06.06.2011 (CS) 06.30.2011 (CT) 11.24.2010 (FR) 08.30.2011 (ES) 01.06.2012 (RU)
	3.7.6 Lessons & 3.7.3 *PRO* localized: -RU		MP36/35/30	08.15.2012
	3.7.3 Lessons & *PRO* localized: CS, -CT, FR, -IT, -JP, -ES, -RU	Windows 7, Vista & XP	MP36/35/30	12.21.2009
BHAPI	2.2.5 (Research)	Windows 11, 10, 8, 7	MP160/150/36A-R	04.09.2024
	2.2.5 (Education)	Windows 11, 10, 8, 7	MP36A/35	04.09.2024
ACKAPI	3.3.1.4	Visual Studio 2010, 64-bit	n/a	10.17.2022

*BIOPAC software offerings are fully compatible with the operating system versions listed above. Any OS version not listed has not been tested and full operational function cannot be guaranteed.

**MP35 is not compatible with macOS versions later than 10.15. Only MP36 units with serial numbers beginning "MP36A" are compatible with macOS 11 and later.

For earlier BIOPAC software versions and operating system compatibility, see Application Note 236: Release History

- Acq*Knowledge* 5.0.4 was thoroughly tested on Windows 10, 8, and 7 Professional 64-bit versions, and Mac OS X 10.11-14
- MP160 hardware is compatible with Acq*Knowledge* 5.0 and higher only.
- Acq*Knowledge* 4.4.2 and Biopac Student Lab 4.1.3 were thoroughly tested on Windows 10, 8 & 7 Professional, 32 and 64-bit versions.
- Acq*Knowledge* 4.4 – 4.0 or BSL 4.0.3 – 4.0 are functional on Windows Vista. BSL 4.1 was not tested in Vista.
- Acq*Knowledge* 4.1 – 4.2 with MP150: Data acquisition is not supported in Windows 8 or 10. (Use Windows 7 or Vista only)
- No editions of Windows Embedded are supported.
- Windows XP Known Issues for Acq*Knowledge* 4.x and Biopac Student Lab 4.x
    - Media menu functionality for audio and/or video synchronization is not compatible with Windows XP. Leaving media functionality installed, even if unused, may lead to application crashes and general instability.
    - It may not be possible to communicate with an MP150 device with Windows XP when using multiple network adapters. This is particularly acute when manual IP addresses are in use. Either upgrade to 8 or 7 or use ACQ 3.x for data acquisition.
    - Windows Error Reporting for reporting application crashes is not fully functional on Windows XP.
    - Analysis will be sluggish on older machines running Windows XP; for better performance it is recommended to update the hardware to a Windows 8 or 7 computer.
    - Testing under XP was very limited; there may be functionality limitations on XP that can only be resolved by upgrading to 8 or 7.
- Mac OS X 10.4 and above must use UDP when communicating with an MP150.
- DLC communication is supported under Mac OS X 10.3 only.
- To use an MP150 with UDP communication on a network with a non-Windows DHCP server, you must use firmware 1.1.12 or greater for the MP unit to properly be assigned an IP address. This is also true for any DHCP system with non-Windows operating systems, such as Unix, Linux, Mac OS X, and other DHCP-aware devices.

    UDP: MP150 + No Network Access   UDP: MP150 + Domain Network   UDP: MP150 + Network or Multiple Computers
- Acq*Knowledge* 3.9.2 – 4.0 and BSL 3.7.3 – 3.7.6 were not tested on Mac OS X 10.6, but no known incompatibilities exist.
- No known incompatibilities between BSL 3.7.2 ("for Mac OS X 10.3-10.4") and Mac OS X 10.5.5 or below (not 10.5.6)
- Biopac Science Lab: Discontinued 2022: 1.1.1   Windows 10, 7, Vista & XP   MP40   11.27.2007

    For details about running older software versions on Macs with Intel processors, see Compatibility on Mac Intel Core Duo. 📕

Computer & Disk Space Requirements

Although BIOPAC software saves files in a format as compact as possible, it is not uncommon for some users to generate very large data files. When planning to acquire data for long periods (more than a few hours) and sampling at relatively fast rates (more than 2,000 samples per second), it's recommended to have as much available disk space as possible (or have access to a removable storage device). See your Acq*Knowledge* or BSL Software Guides for hints on working with large files.

Windows OS

Acq*Knowledge* 5.x:

Architecture	64-bit
Port	MP160/150: Ethernet (UDP), MP36R and other supported hardware: USB2
Hard Disk	5 GB free hard disk space for files, data, and videos
RAM	4 GB recommended minimum, (8 GB recommended)
Graphics	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
Processor	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

Acq*Knowledge* 4.x:

Architecture	32-bit
Port	MP150: Ethernet (UDP), MP36R and other supported hardware: USB2
Hard Disk	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	2 GB recommended minimum
Processor	Pentium 4 or higher; speed: 1 GHz or higher (Intel Core Duo or higher strongly recommended)

Acq*Knowledge* 3.8.2 and 3.9.1:

Architecture	32-bit
Port	MP150: Ethernet (UDP), MP100: USB v1 and v2
Hard Disk	128 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	128 MB recommended minimum
Processor	CPU with at least 200 MHz clock speed recommended

Biopac Student Lab & BSL *PRO* 4.x:

Architecture	32-bit (64-bit recommended)
Port	USB2
Hard Disk	5 GB free hard disk space for files, data, and videos
RAM	4 GB recommended minimum (8 GB recommended)
Graphics	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
Processor	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

Biopac Student Lab & BSL *PRO* 3.7.5, 3.7.6, 3.7.7:

Architecture	32-bit
Port	USB v1 and v2
Hard Disk	350 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	1 GB recommended minimum
Processor	Pentium 4 or higher; speed: 1 GHz or higher (Intel Core Duo or higher strongly recommended)

macOS

Acq*Knowledge* 5 and higher:

Architecture	64-bit
Port	MP160/150: Ethernet (UDP), MP36R and other supported hardware: USB2
Hard Disk	5 GB free hard disk space for files, data, and videos
RAM	4 GB recommended minimum, (8 GB recommended)
Graphics	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
Processor	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

Acq*Knowledge* 4 and higher:

Architecture	32-bit
Port	MP150: UDP, MP36R: USB2
Hard Disk	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	2 GB recommended minimum
Processor	Intel Core Duo (or higher)

Acq*Knowledge* 3.9.2:

Architecture	32-bit
Port	MP150: UDP, MP100: USB v1 and v2
Hard Disk	128 MB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	128 MB recommended minimum
Processor	PowerPC G3 (or higher)

Biopac Student Lab & BSL *PRO* 4:

Architecture	32-bit (64-bit recommended)
Port	USB2
Hard Disk	5 GB free hard disk space for files, data, and videos
RAM	4 GB recommended minimum (8 GB recommended)
Graphics	Intel Graphics 3000 or better (Dedicated Graphics w/ 1 GB or better)
Processor	Intel Core Duo, 3 Ghz or higher (Core i5, 2.5 Ghz or higher recommended)

Biopac Student Lab & BSL *PRO* 3.7.3, 3.7.5, 3.7.6:

Architecture	32-bit
Port	USB v1 and v2
Hard Disk	1 GB to store the software and on-line manuals; additional 1 GB recommended for data storage
RAM	1 GB recommended minimum
Processor	Intel Core Duo (or higher)