

Amplifiers and Interfaces



Application Description

BIOPAC offers one of the largest ranges of amplifiers in the industry, with a wide variety of interface cables, including isolated interfaces for human and non-isolated for animal and in vitro applications. The MP System will interface with a wide variety of third-party equipment such as flow meters, force plates, sono-micrometers, telemetry equipment, transducers, amplifiers, metabolic carts, and bedside monitors.

Advanced Features

- Automated Noninvasive Blood Pressure—Human
- Isolated Inputs and Outputs
- Automatically Control External Equipment
- Connect to MP160 Systems
- Interface with Third-Party Transducers
- And [More](#)

[Watch Amplifier and Interface Video Tutorials at the BIOPAC Website](#)

Selected Research Citations Below

[Search online](#) for more than 1,790 BIOPAC citations for *Amplifiers and Interfaces*

[Chest Movement and Respiratory Volume both Contribute to Thoracic Bi-impedance during Loaded Breathing](#)

Dolores Blanco Almazán, et al (2019). Scientific Reports, 9, Article No 20232

[Chapter 5 - EXO-UL Upper Limb Robotic Exoskeleton System Series: From 1 DOF Single-Arm to \(7+1\) DOFs Dual-Arm](#)

Yang Shen, Jacob Rosen (2020). Wearable Robotics, ISBN 978-0-12-814659-0

[Human visual steady-state responses to amplitude-modulated flicker: Latency measurement](#)

Kien Trong Nguyen, et al (2019). Journal of Vision, Vol 19, No 14

[Development of Electrohysterogram Recording System for Monitoring Uterine Contraction](#)

Dongmei Hao, et al (2019). Journal of Healthcare Engineering, Article ID 4230157

[Physiological Correlates of Fluent and Stuttered Speech Production in Pre-school Children Who Stutter](#)

Bridget Walsh, Evan Usler, (2020). Speech, Language, and Hearing Research, Vol 62, Issue 12

[Case Report: Effects of Lower Thoracic Spinal Cord Stimulation on Bowel Management in a Person with Spinal Cord Injury](#)

Anthony F. DiMarco, et al (2019). Journal of Biology and Neurobiology, Vol 5, Issue 1

[Hybrid EEG-fEMG based Human-Machine Interface for Communication and Control Applications](#)

K. Chusud and Y. Punsawad, (2019). 16th International Joint Conference on Computer Science and Software Engineering (JCSSE), Chonburi, Thailand, pp. 1-5.

[Increased cardiorespiratory synchronization evoked by a breath controller based on heartbeat detection](#)

Yumiao Ren, Jianbao Zhang, (2019). Biomedical Engineering Online, 18, Article 61

[Distinguishing TBI malingering and fatigue using event-related potentials](#)

Lindsey K. Robinson, Sandra L. McFadden, (2019). Journal of Psychophysiology

BIOPAC

(805) 685-0066

info@biopac.com

www.biopac.com

[Contact BIOPAC to learn more or request a quotation!](#)