



KARL STORZ PULSAR II LED Stroboscopy in Perfection

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The PULSAR II stroboscope generates light for convenient stroboscopy with its high-performance LED. The pulsating light's frequency can also be set to continuous light so that it can be used as a position light.

Convenient image documentation merely involves connecting a camera head to the respective telescope and using the KARL STORZ documentation system.

Why PULSAR II?

- Compact design of unit and footswitch
- Reduced weight
- Low energy consumption thanks to cutting-edge LED technology
- No difference between strobe light and continuous light in terms of color temperature and brightness
- Powerful strobe light for video recording even with small caliber, flexible endoscopes
- Reduced system noise
- Text overlay onto video image
- Display in musical notation



Note: When using the KARL STORZ PULSAR II stroboscope, you will also benefit from its diagnostic and therapeutic performance resulting from standardized assessment.

Included system components

- **LED light source with integrated microphone:**

The audio signal is recorded with a microphone that is integrated in the handle; the signal is amplified and analyzed to then synchronize the stroboscope with vocal fold vibration.

- **Contact microphone:**

Alternatively, you can use the included contact microphone to perform the functions described above.

- **Foot pedal:**

The foot pedal controls phase synchronization in still image mode and slow motion function. The foot pedal can also be used to control the optional documentation unit.

Additionally available system components

- Camera control unit (CCU) and camera heads from KARL STORZ
- KARL STORZ documentation units
- Audio devices for amplification/recording
- KARL STORZ monitors



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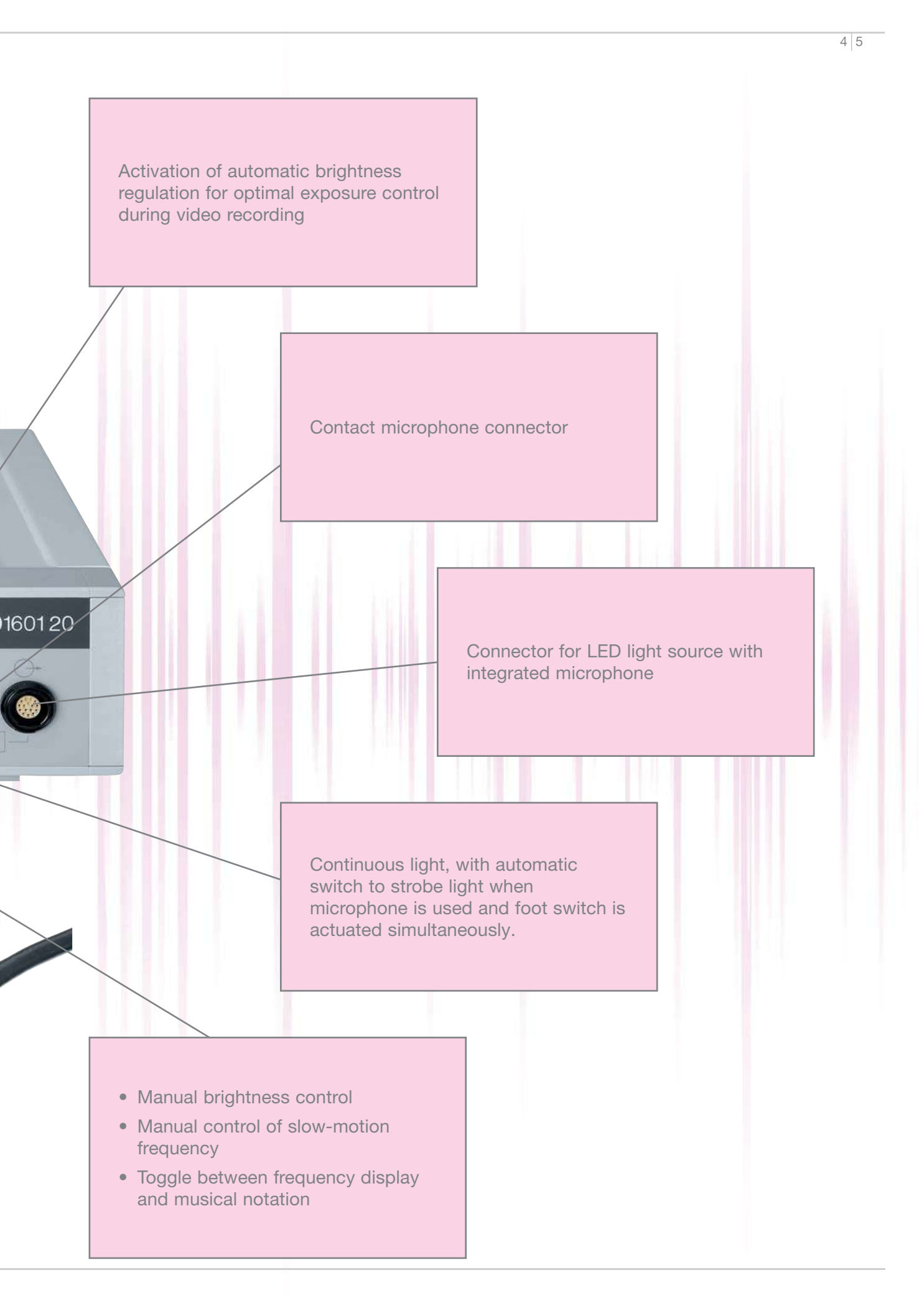
Footswitch



Contact microphone



LED light source with integrated microphone connects to a telescope

A diagram showing a portion of a grey device on the left. The device has a black display area with the number '1601 20' in white. Below the display is a circular connector with a gold-colored center. A black cable is plugged into this connector. Five pink callout boxes with black borders are connected to the device by thin black lines. The boxes contain text describing various features and connectors of the device.

Activation of automatic brightness regulation for optimal exposure control during video recording

Contact microphone connector

Connector for LED light source with integrated microphone

Continuous light, with automatic switch to strobe light when microphone is used and foot switch is actuated simultaneously.

- Manual brightness control
- Manual control of slow-motion frequency
- Toggle between frequency display and musical notation

KARL STORZ PULSAR II stroboscope



401601 01 KARL STORZ Pulsar II, for larynx examination, power supply: 115/230 VAC, 50/60 Hz, including LED Stroboscope Light Source, Impact Sound Microphone and Footswitch

We recommend the following telescopes for use with the KARL STORZ PULSAR II:

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|----------|--|--|
| 8700 DKA | HOPKINS® Lateral Telescope 90° for Laryngoscopy, autoclavable , diameter 5.8 mm, length 20 cm, fiber optic light transmission incorporated, color code: blue | |
| 8700 H | Handle , for use with 8700 DKA | |
| 8700 CKA | BENJAMIN Tele-Laryngoscope , with integrated HOPKINS® Lateral Telescope 70° , angle of view 50°, diameter 5.8 mm, length 19 cm, autoclavable . Fiber optic light transmission incorporated, color code: yellow | |
| 8700 H | Handle , for use with 8700 CKA | |
| 8705 CKA | BENJAMIN Slimline Tele-Laryngoscope with integrated HOPKINS® Lateral Telescope 70° , angle of view 50°, diameter 4 mm, working length 18 cm, autoclavable . Fiber optic light transmission incorporated, color code: yellow | |
| 8705 H | Handle , for use with 8705 CKA | |
| 8706 CA | Strobo-Laryngoscope with integrated HOPKINS® Lateral Telescope 70° , working length 17 cm, autoclavable , oval sheath 7.2 mm x 9.3 mm, Fiberoptic light transmission incorporated, color code: yellow | |
| 8707 DA | Tele-Laryngo-Pharyngoscope with HOPKINS Lateral Telescope 90°, 4x magnification focusing device, diameter 10 mm, working length 15 cm, autoclavable , fiber optic light transmission incorporated, color code: blue | |

Additional connection options

The stroboscope can be connected to additional devices, such as KARL STORZ TELECAM/TRICAM® camera control units or documentation units like KARL STORZ AIDA® and KARL STORZ TELE PACK.



E.g., KARL STORZ AIDA compact NEO SD documentation unit for the digital storage of photos, videos, and audio files



Camera control unit,
e.g., TELECAM SL II



Suitable telescope,
e.g., C-mount telescope



Camera head e.g.,
TELECAM C-Mount
camera head



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