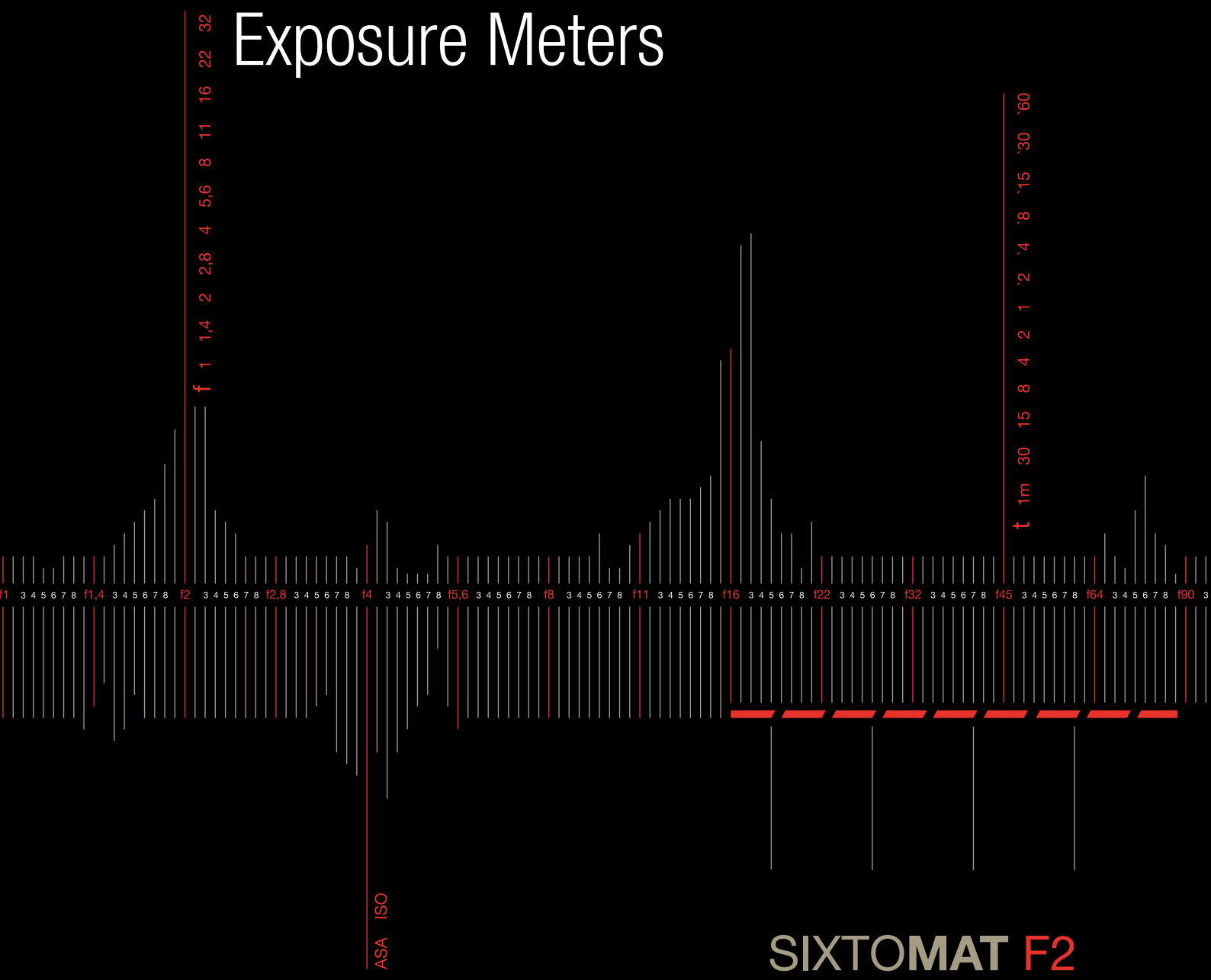
GOSSEN

Exposure Meters



SIXTOMAT F2

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With its outstanding diversity and high performance,

the SIXTOMAT F2 is the ideal standard tool for demanding amateurs with their own studio flash kits, lighting specialists and filmmakers. The included technology and features are high quality, and operation is clear-cut and easy to understand. The universal SIXTOMAT F2 is laid out for use in the studio, as well as outdoors. It makes quick work of incident and reflected light measurements for flash and ambient light, displays mixed lighting conditions as well as required multiple flashes, and performs contrast measurements. The calculated exposure values can be displayed either in full, 1/2 or 1/3 increments. It masters all common lighting situations for analog and digital photography, as well as filmmaking, with outstanding precision and time-tested quality.

Simple CINE Meter for Filmmakers

Film speed is specified in the CINE mode. An open aperture angle which deviates from 180° can be taken into account by calculating and entering the filter factor as a correction value (COR). After measurement has been completed, the f-stop value is displayed digitally in 1/10 increments and appears additionally at the analog f-stop scale rounded off to 1/2 increments. The cameraperson is thus provided with basic data for a correctly exposed image.

Ergonomic Design

The SIXTOMAT F2 is laid out for convenient one-hand operation. Operation is simple and intuitive with just a few keys. The high-contrast LCD panel is highly legible and displays values in a clear-cut fashion.

Its compact, but nevertheless rugged design, ensures that the exposure meter fits into the user's hand perfectly and accompanies the photographer through all of his tasks as an indispensable tool.

Universal Exposure Meter for Photographers

Ambient light measurement can be performed with either aperture or shutter priority pre-selection, as well as with exposure values. The sliding diffuser can be used to switch back and forth between incident and reflected light measurement. After measurement has been completed, f-stop/shutter speed combinations can be queried by pressing the value keys. Measured values are displayed digitally in 1/10 increments, and f-stop values appear at the analog scale in 1/2 increments. If the measuring key is pressed and held in the shutter pre-selection and exposure value function, contrast range is ascertained and displayed at the f-stop scale – an ideal function for matching the subject's contrast range to the recording medium. The wide measuring range from f-stop 1.0 to 90 and 1/8000 s up to 60 minutes supports the available light photography with fast aperture lenses as well as night photography in extremely dark environments. The measurement or setting of correction values up to ± 7.9 EV can be used for exposure time extension with neutral density filters.

In the case of flash measurement, this can be triggered manually or by means of a synchronizing cable. If wireless flash triggering systems are used, the transmitter can be operated manually or via the synchronizing output depending on the selected measuring mode. After measurement has been completed, the f-stop value for the specified synchronizing speed appears at the display. This is displayed at the analog f-stop scale along with the f-stop value for the ambient light ratio. The relationship between flash and ambient light can be influenced by changing synchronization speed, making it possible to adjust fill-in flash or soften ambient light. If the measurement indicates that the desired working aperture is not possible with a single flash, it can be adjusted with the upper value key. The digital time display is then replaced with an indicator showing the number of flashes required for the working aperture.

Specifications

Comprehensive metering methods –
incident and reflected light measurement with adjustable measured value display in full, 1/2 or 1/3 increments

Wide measuring range –
f-stop from 1.0 to 90,
exposure time from 1/8000 s to 60 minutes

Precise measurement and display –
repetition accuracy of ± 0.1 EV,
measured value display in 1/10 increments

Flexible ambient light measurement –
aperture or shutter priority pre-selection as well as exposure value display

Easy subject contrast control –
analog contrast display in half f-stop values

Individualized adaptation –
entry or measurement within a range of ± 7.9 EV
correction values in 1/10 increments

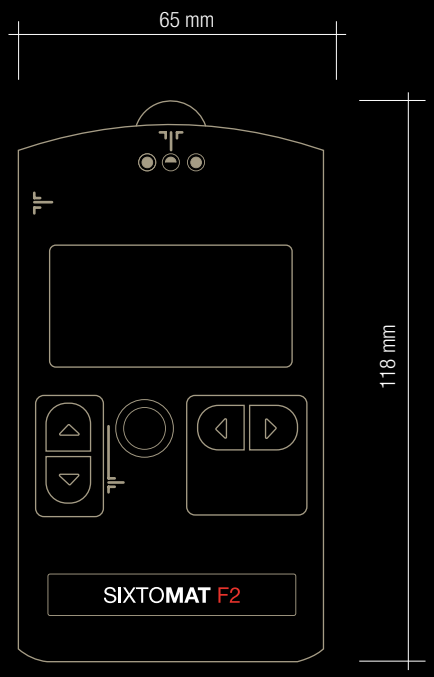
Comprehensive flash measurement –
flash exposure measurement (cord/non-cord)
with adjustable synchronization speed up to 1/1000 s,
display of ambient light ratio and multiple flash calculation

CINE function for filmmakers –
determination of f-stop for adjustable film speeds ranging from 8 to 64 fps, including 25 fps and 30 fps for TV, as well as correction factor for sectors deviating from 180°

Ergonomic design –
compact housing with clear-cut fashion display and one-hand operation

Diverse warnings –
battery level, over-range or under-range

Automatic shutdown –
most recent settings and last measured values are retained



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