



HVLF28RM

External Flash with wireless remote control

The compact and durable HVL-F28RM offers consistent light output, optimized light distribution and continuous flash performance that won't interrupt your workflow with Intelligent flash control linked to the camera's face detection*. Features include; High Speed Sync, Rear-sync, Slow-sync, Multi-flash and stable radio wireless communication as either radio transmitter or receiver for controlling multiple flashes in multiple groups**.



Bullets

- Compact, reliable and made by Sony for flawless flash control
- Ideal Guide Number power for compact mirrorless cameras (GN28) ¹
- Higher power at close 50mm focal length compared to F45RM
- Uses the camera's face detection ² to capture natural skin tones
- Rear-Sync, Slow-sync, High Speed Sync and Multi-flash settings
- Intuitive controllable from compatible camera body menu ³
- 50% higher resistance ⁴ to overheating for continuous performance
- Ample power to bounce flash; 0, 20, 40, 60, 80, and 120 degree
- Operates as on-camera flash, radio wireless commander or receiver
- Stable radio wireless communication up to 114ft. ⁶
- Wirelessly control up to 15 flash units in up to 5 groups ⁷
- Durable dust and moisture resistant design* *Not guaranteed to be 100% dust and moisture proof
- Metal MI foot and side frame protects shoe connection
- Memory and MR settings to access frequently used settings
- Bounce lock release button prevents unwanted angle changes
- Flash recycle time of 4.1 sec. (Ni-MH batteries), 6.4 sec. (alkaline) ⁴
- 50% greater overheat resistant* compared to the HVL-F32M* *with alkaline batteries. Sony Test conditions.
- Auto White Balance Adjustment
- Multi/Micro USB ports for software update

Features

Compact and reliable, for flawless flash control with (GN28)¹

Designed to match Sony's mirrorless cameras for a compact, manageable system, the HVL-F28RM offers the type of reliable, stable performance you expect with your Sony Alpha cameras. This compact, easy-to-use flash unit delivers the capabilities and dependability that professional and advanced amateur users demand. Consistent light output at each flash is ensured thanks to precise communication between the flash unit and camera. Specified Guide Number (GN28)¹ light output is consistently maintained in the widest possible range of conditions while light distribution has been carefully optimized for uniform coverage right out to the image corners without falloff.



*50 mm, at ISO100 in meters

Flash control linked to camera's face recognition²

When used with a compatible camera², the balance between the light falling on the subject's face and the ambient light is taken into account to automatically adjust accurate white balance so that the subject's face is rendered with natural, lifelike color. This is a new function introduced in the Alpha 7C. Some of existing flash units are also supported.

Continuous flash performance

A refined flash algorithm provides 50% higher resistance⁴ to overheating (compared to the HVL-F32M) for continuous flash performance that provides constant and stable flash output, during shooting sessions and won't interrupt your workflow. A flash recycle time of 4.1 sec. with Ni-MH batteries and 6.4 sec. alkaline batteries has been achieved⁴.

Durable dust and moisture resistant design⁵

Downsized with dust and moisture resistant design⁵

Equip yourself for varied shooting conditions with this compact lightweight clip-on flash. The HVL-F28RM is ideally suited to the full-frame Sony Alpha 7-series and compact Alpha APS-C cameras and features a rugged and durable dust and moisture resistant design⁵, that can withstand the rigors of professional work, even in challenging outdoor environments. Even greater dust and moisture resistance is achieved when the HVL-F28RM is mounted and locked onto the Alpha 7S III, Alpha 7R IV and Alpha 9 II.

Metal foot and side frame protects shoe connection

The Multi Interface foot is fabricated from metal for higher strength with reinforced side frame that also houses the unit's electrical contacts and offers improved resistance to physical shock and impact from all directions. Durability of the flash has been implemented to match the durability of your Sony Alpha camera.

Bounce light for natural looking results

Light most often falls on subjects from above, whether its from the sun or overhead lighting. This light from above makes subjects, especially portraits of people, look more natural and pleasing than from harsh direct light. The HVL-F28RM provides plenty of light for bounce applications and the flash angle can be set as required via 0, 20, 40, 60, 80, and 120 degree click stops for easy positioning in a variety of shooting situations. A lock is provided at the 0-degree position to prevent unwanted angle changes in hectic shooting situations. The bounce angle can easily be changed while the lock release button is pressed.

Intuitive controllable from compatible camera body menu³

Flash compensation, light ratio, and other detailed flash parameters can be controlled directly from a compatible camera³. A camera custom key can be assigned to call up the flash parameter display so that adjustments can be made while looking through the viewfinder and gripping the camera. Flash parameters are shown in the selected camera display language.

Advanced abilities for the widest range of shooting situations

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Wireless radio-controlled flash gives you the most consistent results without pairing errors. Control signals can reach receivers, up to 114ft. (30 meters) away⁶, even in challenging conditions such as distant locations, strong sunlight, or when the flash is behind the subject, which can make optical flash sync difficult or even impossible. The compact clip-on HVL-F28RM flash can operate as an on-camera flash, radio wireless commander or receiver in multi-flash setups to meet your off camera creative lighting needs.

Multi-flash photography via radio wireless communication

Radio wireless communication is available in addition to conventional optical communication. Since this flash unit can be used as both commander (to send signals) and receiver (to accept signals), it supports a wide range of shooting conditions. As a commander, this flash can be paired with other HVL-F28RM units or combined with optional wireless radio commander (FA-WRC1M) and receiver (FA-WRR1) for use with other compatible flashes and studio lights. It can connect with up to 15 compatible off-camera flash units or receivers in up to 5 groups⁷. You can also take advantage of wireless firing and varied output flash level control for flashes up to 114ft. (30 meters) away⁶.

High-speed sync (HSS) with wireless flash support³

While conventional sync shooting requires the shutter speed to be the same or slower than synched flash speed, this narrows the aperture, making it difficult to capture background bokeh effects. However high-speed sync (HSS) flash can be used at any shutter speed³ — even up to the highest shutter speed provided by the camera. This allows aperture increases as needed to create a narrow depth of field, keeping the subject in perfect focus against a blurred background for beautiful portrait shots. Wireless high-speed sync is also possible with compatible cameras.

Through-the-Lens (TTL) wireless flash

Even when performing wireless flash shooting, flash output can be determined based on accurate measurement of the amount of light through the lens. Since the user can freely change position and direction of the flash unit exactly as desired, it's possible to soften intense shadows and suppress blown highlights when shooting a subject from right in front (of the subject), or add soft shadows that emphasize a sense of depth and presence. Wireless flash ratio control is available.

Auto White Balance Adjustment

Color temperature at time of flash shooting is affected by the guide number and flash type in use. With Auto White Balance Adjustment, color temperature information is automatically transferred from the flash unit to the camera for correct white balance setting, thereby enabling more natural color reproduction.

Simple controls

The user interface has been designed for easy, intuitive operation with a minimum of controls that include +/- light level buttons, a pairing button, a power switch, a test button, a lock lever, and a Multi/Micro USB terminal for software updates. NOTE the HVL-F28RM does not have an LCD display panel.

Powered by two AA (LR6) alkaline or NiMH batteries.

A fresh pair of alkaline batteries can provide power for up to 113 continuous flashes (1/1 manual

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flash with alkaline batteries)³.

Multi/Micro USB ports

The HVL-F45RM features a Multi/Micro USB port for supporting firmware update to the latest version via connected PC.

Specification

Basic information	
Dimensions (approx.)	W 2.56 " x H 3.29 " x D 3.6 " (65.1 x 83.5 x 91.4 mm)
Weight (approx.)	7.8 oz (219 g) (only main unit)
External connectors	
Multi/Micro USB terminal	Yes
Flash head (light-emitting unit)	
Bounce angle	Up 120 ° (0 °/20 °/40 °/60 °/80 °/120 °)
Bounce flash	Yes
Built-in bounce sheet	Yes
Built-in wide panel	Yes (24 mm)
Color Temperature (Approx.)	5,500 K
Continuous flash performance	40 flashes at 10 flashes per second
Flash Duration (Approx.)	Within 1.6 ms (1/1 MANUAL)
Flash compensation	Yes
Flash control	Flash control using pre-flash (P-TTL/ADI)
Flash coverage	50 mm, Angle of view at 24-mm focal length is also covered with the wide panel
Flash mode	TTL/MANUAL/MULTI
Frequency (Approx.)	0.1–6.4 seconds (Alkaline battery) / 0.1–4.1 seconds (Ni-MH battery)
High-speed sync (HSS)	Yes
Maximum guide number	28 (Flash coverage setting 50 mm, ISO 100 m)
Modeling flash	Yes
Power level switching	25 levels (1/1-1/256) 1/3 steps

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Repetition (approx.)	More than 110 times (Alkaline battery) / More than 130 times (Ni-MH battery)
Test flash	Yes
Other features	
Dust and moisture-resistant design	Yes
Other functions	
Auto WB Adjustment	Yes
Memory settings	Yes
Power source	
Power source	Four AA-size alkaline or Ni-MH batteries
Radio-controlled wireless function	
Channels	14 channels (Auto/Manual)
Communication Distance (Approx.)	114.83 ft
Frequencies	2.4 GHz band
Groups	3 groups (TTL/MANUAL), 5 groups (group flash photography)
Lighting ratio control	3 groups (TTL)
Maximum flash units	15 units
Radio Control Wireless Function	Yes (commander/receiver)
Type	
Shoe type	Multi Interface Shoe.
Type	Auto electronic flash (clip-on type) with pre-flash metering

1. 50mm at ISO 100 in meters
2. As of Sept. 2020, only HVL-F28RM is compatible with this function. see Sony's support webpage for compatibility info.
3. See Sony support page for compatibility info.
4. Compared to the HVL-F32M with alkaline batteries used. Sony internal test conditions
5. Not guaranteed to be 100% dust and moisture proof. Dust and moisture resistance will vary according to the body to which the unit is attached.
6. Sony test conditions.
7. Up to 5 groups in GROUP mode, or 3 groups in TTL/Manual modes. 3 groups max when used as a receiver

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