

suggest that their H1 model can be used as an external microphone on such a machine—but it should be remembered that the camera audio quality and controls are likely to be less than ideal: check the specifications.

- 36 UPS: Uninterruptible Power Supply. A battery-like device for providing back-up power for a limited period after a power failure; it also protects against spikes and surges. Note, however, that no such equipment protects completely against all electrical hazards, and that the surge protection can wear out if subjected to too large or frequent demands.
- 37 Which however may be of the ~ 230 v (e.g. Europe, Australia) or ~ 120 v (e.g. USA, Japan) varieties: check carefully that the equipment will run happily on either (as with most laptop computer power leads), otherwise obtain a suitable step-up or step-down transformer before plugging into an AC source.
- 38 Unfortunately, this variety is heavier, dearer, and rarer than the common starter motor battery. Deep-cycle batteries are also recommended for solar generators. However, since they are so much harder to source and since in a well-managed solar setup the battery need not be discharged to damaging levels, we do not think that this type is essential. (Our solution was to buy the biggest truck starter battery we could find locally, make sure it was fully charged before first use, and then monitor its condition regularly.)
- 39 GPS: Global Positioning System. This uses a network of satellites to provide position and time information. GPS receivers vary widely in accuracy, speed of acquiring data, and reliability, i.e. how well they keep track. Typically they are of limited use in overhung situations, e.g. thick forest.