



## NEW from CAMBRIDGE

### Full-range Audio AU-20

The AU-20 Audio is designed to fill the needs of the discerning soaring pilot wishing to expand the capabilities of his Cambridge Variometer System. Fully compatible with all Cambridge variometers, it may be used in place of the popular Au-10 Audio.

The Au-20 features a continuous tone rising in frequency through descent into climb. Above a pilot-selected threshold, the tone is interrupted

at a rate which increases with climb. Hence, the pilot is provided with a continuous audible picture of his vertical speed.

As an additional feature, a muting switch is provided which cuts out sound below the threshold (thus making it equivalent to the AU-10), enabling those late evening flights to be conducted in peace.

#### Specification

INPUT:	Audio outlet on any CAMBRIDGE variometer.
OUTPUT:	Continuous tone starting at about 1500 FPM sink and rising into climb. At pilot-selected threshold, interruption of tone, rate increasing with climb.
POWER:	<b>Muting Switch Cuts</b> sound below threshold. 11-18 VDC at 35 m/a, supplied via cable from variometer.
CONTROLS:	Volume Control, Threshold Control and Muting Switch.
PACKAGE:	1.25" x 2.375" x 4.25" case with 2 FT. cable and connector.

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### C A M B R I D G E   M O D E L   A U - 2 0   A U D I O

#### OPERATING                      INSTRUCTIONS

1. The unit should be mounted with the speaker opening unobstructed, to allow full volume to be heard. Plug into vario outlet.
2. The knob marked 'V' controls volume of sound, increasing in a clockwise direction.
3. The knob marked 'T' determines the threshold vertical speed at which the chopped tone cuts in. Clockwise rotation of this knob raises the threshold rate-of-climb at which the tone is chopped.
4. To operate, set muting switch away from the white mark. A tone will be heard. Set the 'T' knob to the threshold desired. Tone will decrease in pitch with increasing sink, increase with climb. Above the selected threshold, the tone will be chopped at a rate that increases with climb.
5. With the Muting switch set towards the white mark, all sound below the selected threshold will be cut out. In this mode, the unit is equivalent to the standard AU-10 Audio, except that climb will have a chopped tone.