

SAEU3H Chassis Panel Introduction

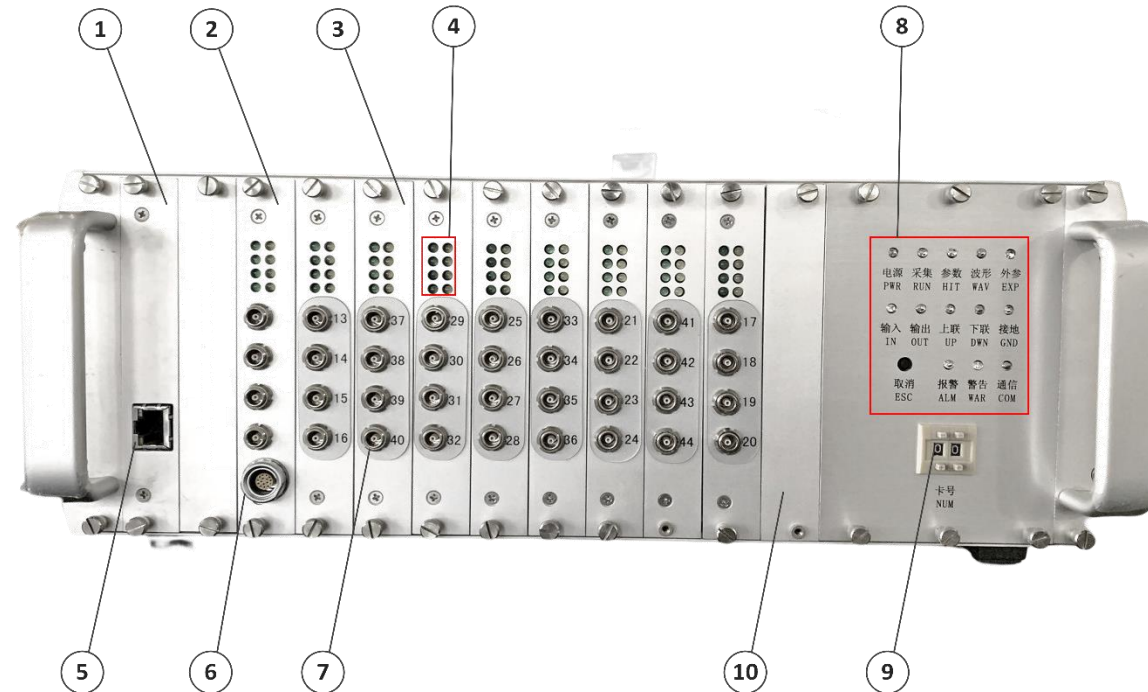


Fig.1 Chassis Front Panel

- ① **Network communication board:** optional and detachable. For data communication between the unit and analysis software.
- ② **EX-parameter 4-channel AE board:** optional and detachable. For AE parameter and external parameters collection.
- ③ **Standard 4-channel AE board:** detachable. For AE parameters collection.
- ④ **Channel indicator:** There are 8 indicators on each AE board, and 2 indicators for each channel from top to bottom; The green light on the left is the signal threshold indicator, which will shine when the threshold is triggered by the acoustic emission signal; The yellow light on the right side is preamplifier status indicator. After the AE board is correctly identified, the preamplifier status indicator will light up.
- ⑤ **Female RJ45 connector**
- ⑥ **16-pin LEMO connector**
- ⑦ **C5 LEMO connector**
- ⑧ **Chassis status indicators**
- ⑨ **Number:** Indicates the number of AE boards ahead of this chassis when the chassis is cascaded.
- ⑩ **Cover board:** detachable. Extra AE board could be inserted when the channel is not enough.

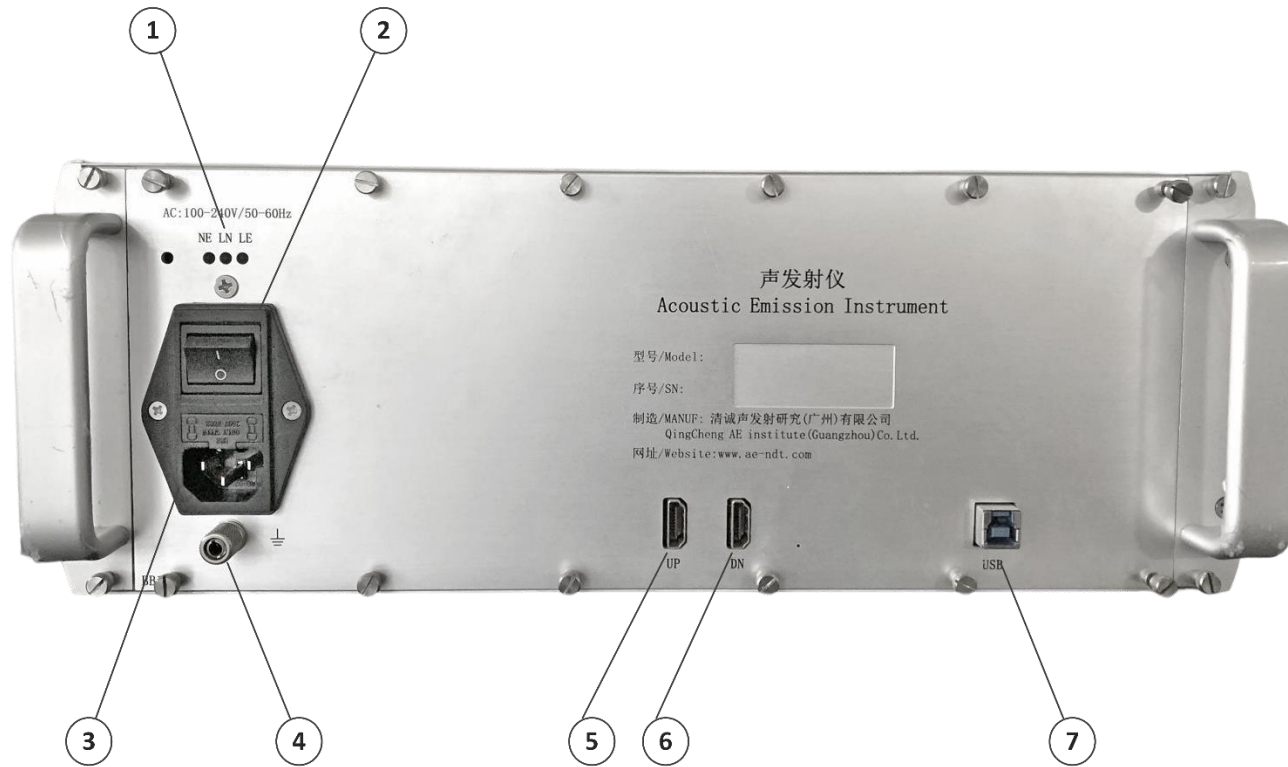


Fig.2 Chassis Back Panel

- ① Power status indicator
- ② Switch
- ③ Power supply connector: AC 100-240V/50-60Hz.
- ④ Ground connector
- ⑤ UP HDMI connector: For connecting with previous chassis when the chassis is cascaded.
- ⑥ DN HDMI connector: For connecting with latter chassis when the chassis is cascaded.
- ⑦ USB connector: For data communication between the unit and analysis software.