

## 12.8. AI-900AF Audio Function Card Connection

### 12.8.1. Amplifier and AI-900AF connection

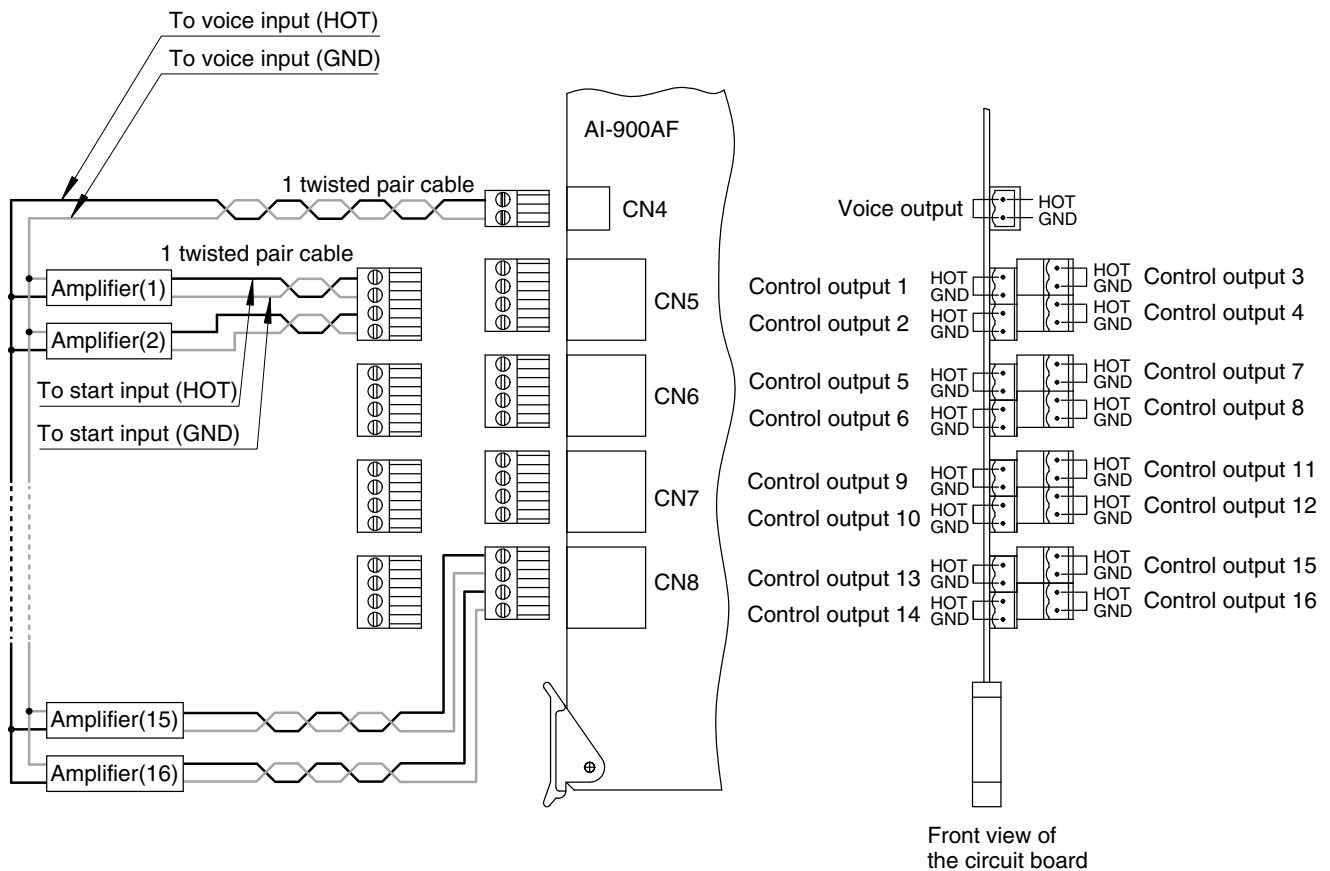
Paging can be provided through connected external amplifiers using the AI-900AF.

#### [Connection]

To connect the amplifier to the AI-900AF, use a twisted pair cable for voice output, and a twisted pair cable for control output. The voice output is 0 dB\* and of unbalanced type. The control output is an open collector output of 20 mA, 24 V DC max., and permits connection of up to 16 channels. Connect as shown below.

\*0 dB = 1 V

#### External amplifier and AI-900AF connection



### 12.8.2. External sound source and AI-900AF connection

The External Sound Source Distribution function can be operated using the AI-900AF.

#### [Connection]

To connect external sound sources to the AI-900AF, use a twisted pair cable for voice input, and a twisted pair cable for control input (level-operated activation). The voice input is 0 dB\* and of unbalanced type. The start input is a no-voltage make contact of 20 mA, 24 V DC max. Connect as shown below.

\*0 dB = 1 V

#### External sound sources and AI-900AF connection

