

## CS & PRO Series Sound Panels

### Installation Instructions

#### 1. GENERAL

##### 1.1 Product Description

i-ceilings™ Sound Panels are module ceiling speaker products. They are designed to be installed in conventional suspended ceiling grid systems. Panels can be removed, relocated and reinstalled. Sound Panels are available to match a wide selection of Armstrong's most popular ceiling patterns.

##### 1.2 Storage and Handling

i-ceilings™ Sound Panels must be stored in a dry interior location and must remain in cartons prior to installation to avoid damage. Panels must be stored in a vertical position (on edge) to prevent crushing. Proper care should be taken when handling to prevent damage and soiling.

##### 1.3 Site Conditions

Building areas to receive Sound Panels must be free of construction, dust, debris and water.



#### 2. SUSPENDED SYSTEM

##### 2.1 General

The suspension system, whether new or existing, should be properly installed using approved hangers.

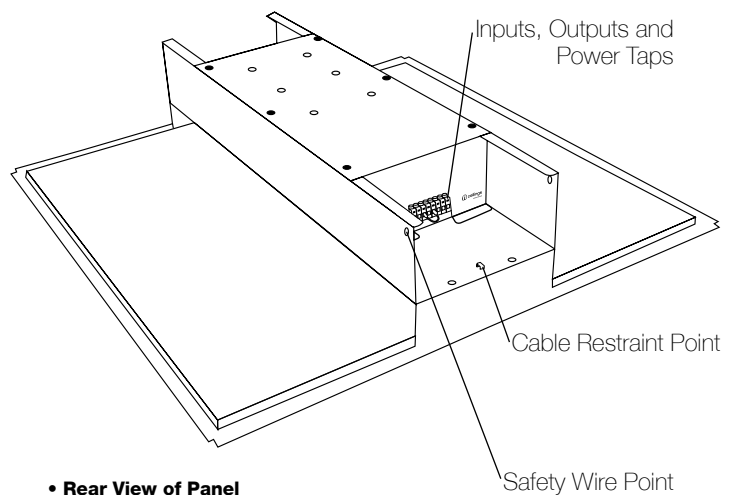
The suspension system shall conform to BS8290 - Part111 requirements. i-ceilings Sound Panels properly installed can be supported by a commercial quality grid system.

**Safety Notice: We advise that suspended speakers are fitted with safety wires to help prevent accidents.**

#### 3. Input Voltage Power

Maximum Power Ratings:

CS-1000 Panel:	8W RMS
CS-4000 Panel:	8W RMS
Pro Panel:	20W RMS



## 4. INSTALLATION

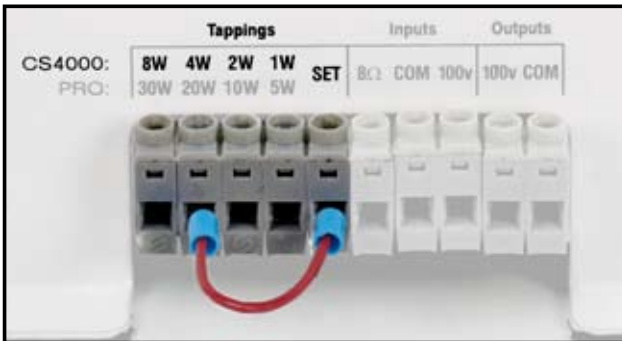
### 4.1 Unplug Connectors

Before placing i-ceilings Sound Panel into the ceiling grid, unplug the Tappings/Input/Output Phoenix Connectors from the main unit.

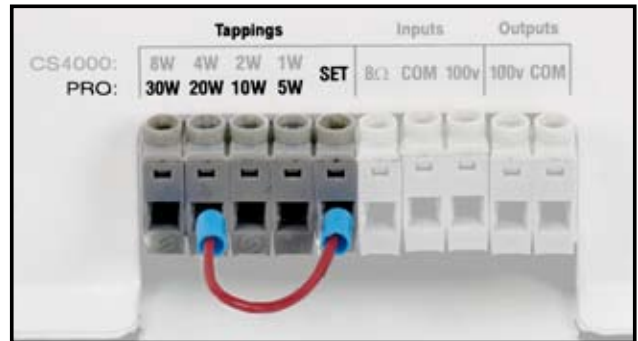
### 4.2 Select Tapping

Select desired tapping level via tapping wire as per diagrams shown...

#### CS1000 & CS-4000 100v Line:



#### PRO Panel 100v Line:

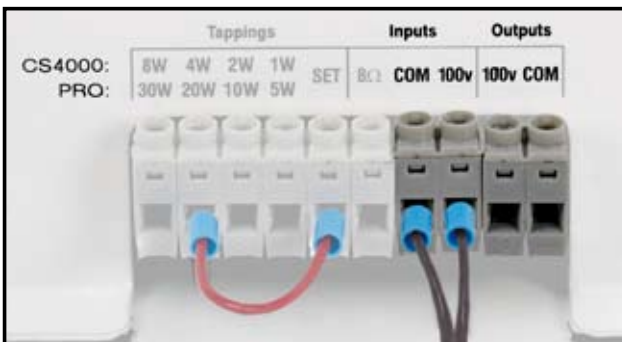


### 4.3 Connect Speaker Line

Connect speaker line to COM and 100v Inputs.

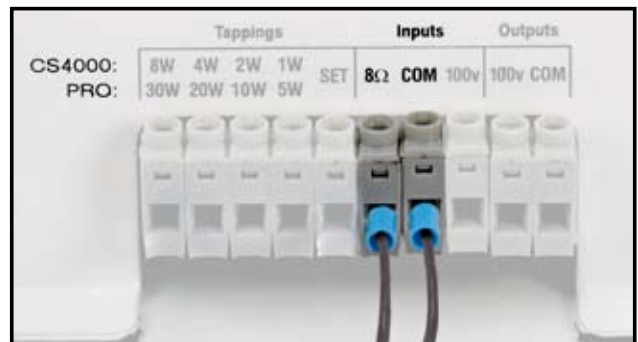
Output terminals are also provided to enable additional panels to be 'daisy-chained' together.

#### 100v Line:



#### Low Impedance:

On low impedance, tappings and output terminals are redundant



#### 4.4 Connect & Install into ceiling

The wired Phoenix Connector can be reconnected to the main i-ceilings Sound Panel Unit and the Sound Panel installed into the ceiling grid.

**NB: To prevent accidental disconnection, please ensure that Input/Output cables are securely fixed to the cable restraint with supplied cable tie.**

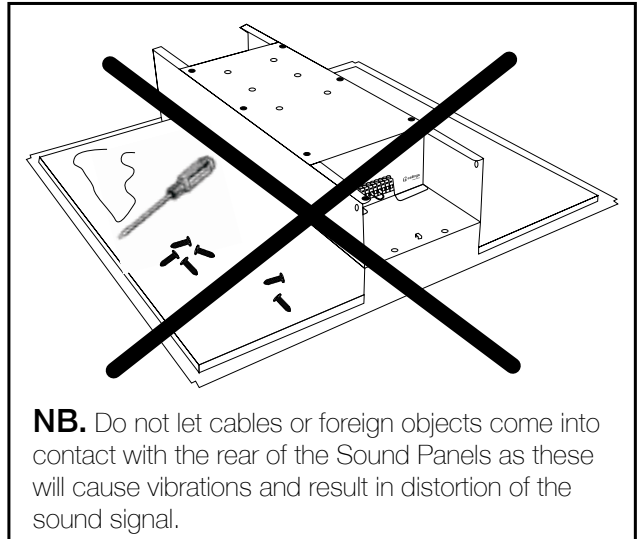


#### 4.5 Remove any foreign objects

Ensure no foreign/loose objects are left on the rear of the Sound Panel, as these will cause vibrations and result in distortion of sound.

#### 4.6 Safety Wires

Ensure safety wires are securely fixed.



For full specifications and further product details go on-line to [www.iceilings.uk.com](http://www.iceilings.uk.com)