



**Audio Specialties Group  
Products Division**

**IMB-111  
TW Intercom  
Signal Splitter  
Operators Guide**



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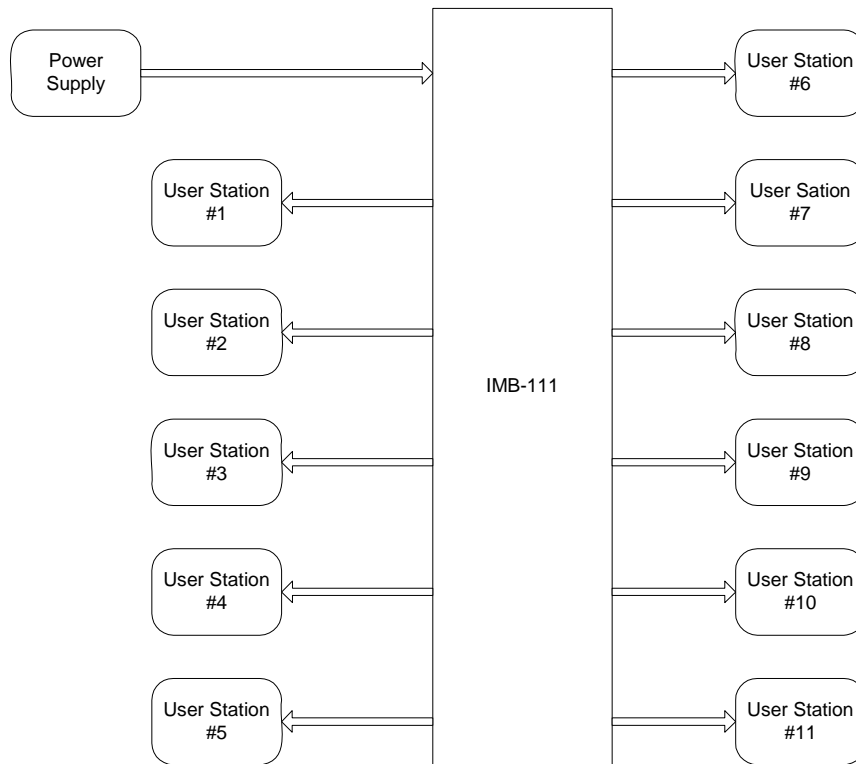
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## 1.0 Introduction

The IMB-111 TW intercom splitter allows either a Clear-Com or RTS type intercom connection to be split to eleven additional outputs. Also, there is a light-emitting diode power indicator which confirms connectivity to the intercom power supplies.

## 2.0 Block Diagram



## 3.0 Usability

The configuration shown above allows for a simpler and more reliable method of interconnection than the “Daisy-Chain” or looping method. With each User station or intercom belt-pack going directly to the power supply, the problems associated with looping stations together can be avoided.

## 4.0 Power Indicator

The power indicator is a single two-color device that illuminates GREEN to show power on RTS CH-1 or Clear-Com, and RED to show power on RTS CH-2. When both RTS CH-1 and CH-2 are powered, the indicator will illuminate YELLOW. The indicator is designed to only illuminate if the intercom supply voltages are above 15V DC.

## 5.0 Precautions

Never connect two power supply outputs to one IMB-111. Since all the connectors in the IMB-111 are tied together, you could damage the system’s power supplies or cause a fault in the intercom system.