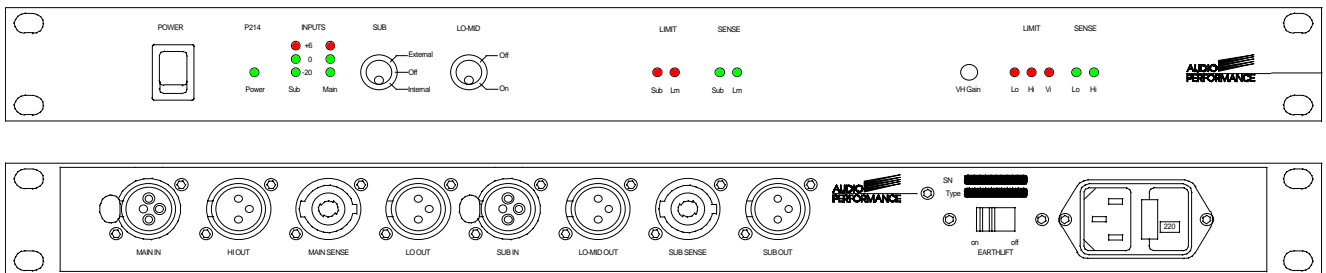


## Product description

Touring System

# P214, 2, 3 & 4 Way analogue Processor



The Audio Performance P214 is an advanced electronic Processor which will optimise the performance of any Audio Performance active 2, 3 or 4 Way system. It can be used, for instance, in its 2Way mode for SD and SK systems, or as a 3 or 4 Way mono unit for SK, LM3 and SUB7 system.

The P214 contains an electronic processor with frequency response phase alignment circuitry, analogue delays and Audio Performance's exclusive Sense Inputs driver protection circuitry, incorporating both peak and true RMS signal limiting. Operating at line level, the P214 is the final component in the signal chain before the amplifier.

Sense Inputs driver protection circuitry protects the loudspeaker components from damage due to overheating under high power conditions. This circuit, continuously monitors the power applied to the drivers and individually limits the controller outputs when the safe operating limits of the drivers are exceeded. Until the onset of overload, the Sense Inputs driver protection has no effect on the signal.

The P214 provides 2 separate inputs, Main and Sub. This gives the sound engineer the possibility to drive the Sub-woofer from a separate mixing desk output for special sub bass effect.

# IDEAL FOR

2, 3 or 4 Way mono  
System controller

with separate  
or internal

SUB Input

## Special Features

Advanced limiter design

Fully electronically balanced inputs & outputs

Crossover frequencies automatically adjusted for 2,3 or 4 Way mode

## Technical data

### P214

#### Specification & electrical data

##### *Front panel*

###### **POWER**

Main switch with Power On indicator: green LED

###### **INPUTS**

-20, 0 & +6dB LED VU-meter for Main & Sub inputs

###### **SUB switch**

Off: Sub output muted (3Way mode)

Internal: Sub input connected to Main input

External: Sub input

###### **LO-MID switch**

Off: Lo-Mid output muted (3Way mode with Sub)

On: Lo-Mid output on (4Way with Sub On)

###### **LIMIT**

Red's LED for Sub & Lm

###### **SENSE**

Green's LED for Sub & Lm

###### **VH Gain**

High frequency shelving filter to optimise the effect of stacking

###### **LIMIT**

Red's LED for Lo, Hi & Vh (top speaker)

###### **SENSE**

Green's LED for Lo, Hi & Vh (top speaker)

##### *Rear panel*

###### **MAIN**

Main input with fuse holder and voltage switch for 115 - 230 V operation

###### **EARTH LIFT**

###### **INPUTS**

XLR 3pin, 20K $\Omega$  electronically balanced, maximum level +20dBu.

Pin 1: GND, Pin 2: +, Pin 3 -

###### **OUTPUTS**

XLR 3pin, 50 $\Omega$  electronically balanced, maximum level + 20dBu.

Pin 1: GND, Pin 2: +, Pin 3 -

###### **SENSE INPUTS**

SPEAKON NL4MP 4pin 100K $\Omega$  electronically balanced.

#### Mechanical data

##### **dimensions**

19", 1U (483 x 45 x 310mm) W x H x D

##### **weight**

5.5 kg

##### **shipping dimensions**

530 x 65 x 430mm W x H x D

##### **shipping weight**

6.5kg

#### Options