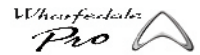


## • Program 50, 52 & 60 Installation Series Loudspeakers



Wharfedale's Program 50 & 60 Series of foreground/background music speakers are designed to meet the demands of applications requiring high quality music and natural speech at both low and high levels. These two-way, ported systems provide a wide frequency range coupled with high power handling in an attractive, acoustically-efficient enclosure.

The Program 50, 52 & 60 range offers four different models, each with the option of a black or white painted finish, indicated by the suffix 'B' or 'W'. 100V line versions are also available where 'T' is present in the part number.

Program Series speakers are equipped with a progressive/dynamic Hi-frequency driver protection circuit providing sophisticated limiting and protection from extended abusive levels and short term peaks.

### Features:

- Proprietary designed, high efficiency, high powered drive units
- High output capability beyond most compact systems
- Sophisticated crossover design enables smooth power and frequency
- Smooth coverage and frequency response gives excellent speech articulation, and isolation from feedback in open mic. applications
- Integral High Frequency Driver Overload protection 'PRO-TECH1™'
- Protective grille
- Daisy chain Speakon™ connection and barrier strip input connector for ease of installation
- Music/voice tone control switch to adapt to different acoustics, voice or music styles (60 & 60T only)
- Bracket and built-in rigging points
- Strong construction of acoustically inert, high density MDF
- High power output, low distortion sound quality
- Available in painted black or white finish (finish can be painted to match surroundings)



### Specifications:

Model:	Program 50:	Program 50T:	Program 52:	Program 52T:	Program 60:	Program 60T:
LF Driver	5.5" x 1	5.5" x 1	5.5" x 2	5.5" x 2	6.5" x 2	6.5" x 2
HF Drive Unit	¾" titanium dome	¾" titanium dome	¾" titanium dome	¾" titanium dome	1" Comp. Driver	1" Comp. Driver
HF Driver Protection	Protection lamp	Protection lamp	Protection Lamp	Protection lamp	Protection lamp	Protection lamp
Power Handling RMS/Music	80W/100W	100V/70V Line 7.5, 15, 30, 60W	100W/200W	110V/70V Line 10, 20, 40, 80W	180W/360W	100V/70V Line 15, 30, 60, 120W
Nominal Impedance	8	Tap	8	Tap	8	Tap
Sensitivity	96dB	n/a	91dB	n/a	98dB	n/a
SPL (Peak)	116dB	98dB	114dB	114dB	128dB	128dB
Frequency Response	40Hz ~ 21KHz	40Hz ~ 21KHz	38Hz ~ 20KHz	38Hz ~ 20KHz	35Hz ~ 21KHz	35Hz ~ 21KHz
Music & Voice Tone Switch	No	No	Yes	Yes	Yes	Yes
Crossover Point	2.3KHz	2.3KHz	2.3KHz	2.3KHz	2.3KHz	2.3KHz
Weight (incl. Bracket)	7.5kg	9kg	13.5kg	15.9kg	13.5kg	15.9kg
Dispersion (H x V)	60° x 60°	60° x 60°	60° x 80°	60° x 60°	45° x 45°	45° x 45°
Input Connector	Barrier strip	Barrier strip	Barrier strip	Barrier strip	2 x Speakon & barrier strip	2 x Speakon & barrier strip
Dimensions (H x W x D)	306 x 196 x 203mm	306 x 196 x 203mm	500 x 196 x 203mm	500 x 196 x 203mm	674 x 246 x 300mm	674 x 246 x 300

### 100V Line & Colour Options:

Part Number:	Speaker Option:
Program 50W	Standard Program 50, white finish
Program 50B	Standard Program 50, black finish
Program 50TW	100V transformer Program 50, white finish
Program 50TB	100V transformer Program 50, black finish
Program 52W	Standard Program 52, white finish
Program 52B	Standard Program 52, black finish
Program 52TW	100V transformer Program 52, white finish
Program 52TB	100V transformer Program 52, black finish
Program 60W	Standard Program 60, white finish
Program 60B	Standard Program 60, black finish
Program 60TW	100V transformer Program 60, white finish
Program 60TB	100V transformer Program 60, black finish