

E: phil_ward@mac.com Skype: aphilw W: musicandmiscellany.com

writing designing music making

Curriculum Vitae

2nd September 1959, Epsom, Surrey, U.K. Born:

Education and Qualifications:

1978 to 1982: South Bank University, London.

B.Sc. Honours Degree in Engineering Product Design.

Final Year Project, "A New Electric Bass Guitar", chosen for exhibition by the Design Council.

1976 to 1978. Kingston College of Further Education, Kingston Upon Thames, Surrey.

Ordinary National Diploma in Technology (Engineering).

Employment Experience:

05/2000 to present: Freelance audio consultant, journalist, technical copywriter, technical illustrator and industrial designer

> Numerous published magazine features and reviews in New Design, Sound On Sound, Performing Musician, Hi-Fi Plus, The British Audio Journal and Get Rhythm.

Technical and commercial copywriting, illustration and page layout for Naim Audio, Bowers & Wilkins, Myryad, Focusrite, Exposure Electronics, Acoustic Energy, Dynaudio and ATC.

Industrial design and product development for Naim Audio, Therefore Product Design, Epos Acoustics, Creek Audio, Cyrus Electronics, Daler Rowney, TW Electronics and Acoustic Energy.

03/1997 to 05/2000: Senior Design Engineer and Project Manager, Naim Audio

> Naim Audio is one of the UK's best known and most successful manufacturers of specialist domestic audio products - from CD players via network audio product to loudspeakers.

My role at Naim was two-fold. Firstly, I conceived and developed loudspeaker products to satisfy the high standards of musical, technical and aesthetic quality demanded both in-house and by and customers. Secondly, I was responsible as Project Manager across all Naim's new product programmes. This role carried responsibility for product definition, project planning and control, the interface between Naim's design department and other functions, and liaison with external design resources and suppliers.

I was also continually involved with Naim's marketing programme through writing for corporate publications, and in its product documentation programme through writing and illustrating product owner's guides and service manuals.

Design Manager, Canon Audio

Canon Audio was a UK based subsidiary of the Japanese multinational company best known for its photographic and business machine products. Canon Audio's role within the organisation was to design, develop and market worldwide a new range of innovative audio products.

My responsibilities covered the design of new products both actively and in a design management role. To that end I ran an in-house design team comprising four engineers and two draftsmen, and managed outside consultancy design input. I was also the primary source of technical support to sales and marketing and wrote and illustrated all the company's product owner's guides, service, and installation manuals.

10/1990 to 12/1996:

10/1988 to 10/1990:

Account Manager, Sound Public Relations

Sound PR was a small public relations company operating within the professional and domestic audio/video business. My role within the company was to run an account group comprising between four and eight clients. The service Sound PR provided for clients extended beyond simply the traditional press release to include writing and producing newsletters and brochures, special events, seminars, and direct mail. In addition to researching and writing press releases and articles, day-to-day activities included conducting interviews and briefing graphic designers, photographers and printers.

11/1987 to 10/1988:

Account Executive, Pathway PR

Pathway PR was a medium size consultancy providing traditional public relations services to clients in the computer and electronics sector. I was responsible for the press campaigns of an account group of five clients.

10/1982 to 11/1987:

Product Design Engineer, Mordaunt-Short Ltd.

Mordaunt-Short was a specialist hi-fi loudspeaker manufacturer. My responsibilities included the design, development, and testing of loudspeaker systems including both popular commercial models and sophisticated high-end designs. I was also responsible for product documentation including owner's guides, brochures and service manuals.

Supplementary Information:

Freelance reviews and feature articles for consumer and trade magazines predominantly within the field of music, design and consumer electronics. Brochures and newsletter features for freelance clients across various business sectors. Thirty years experience of Apple computers. Familiar and capable with a wide range of page layout, illustration, CAD and writing packages. Familiar MLSSA, Clio and FuzzMeasure acoustic analysis software. Expertise in custom loudspeaker design and optimisation software and in subjective loudspeaker voicing for domestic and professional audio applications.

My primary leisure interests are design, the visual arts and music. I play both electric bass guitar and upright bass, perform with a variety of musicians, and produce music in a modest home studio facility.