

SEE NOTE 2

- NOTES:
1. GENERAL RADII: INTERNAL 0.25R EXTERNAL 0.5R
 2. COMPONENT DRAWING NUMBER, ISSUE AND MANUFACTURERS REF TO BE SHOWN IN APPROX POSITION SHOWN. CHARACTER HEIGHT 2.5mm HIGH MAX. PRIOR TO FINISHING RUMBLE TO REMOVE ALL BURRS AND AND MASK ALL THREADED HOLES
 3. FINISH: 41/HP20 ETCHING PRIMER MID GREY 41/SPF60 PRIMER FILLER GREY WHITE Z5045 SPARKLE METALLIC SILVER IN DETAILS SEE DRG. 67CD-MV55368

QUAD



QUAD ELECTROACOUSTICS LTD HUNTINGDON ENGLAND

CHANGE NOTE	DATE	REMARKS	MATERIAL FINISH COLOR	DRG. SEE H. ALL DIM. TOLERANCE HOLE SIZES PRODUCT TITLE
B	25.3.92	PILLARS DELETED & WINDOW OUTPUT CORRECTED		
C	2.5.92	NOTE 3 MODIFIED		
1	2.9.92	LUG MODIFIED		
2	20.9.92	2 OFF 'M' BOLTS ADDED		

The term 'High Fidelity' came into general use in 1936, the year that **Quad** was founded.

This was a happy coincidence, for since then **Quad** has produced a steady succession of products which have effectively set the standards of fidelity for the industry and it would be impossible to write an accurate history of High Fidelity without mentioning **Quad** in every chapter.

From the beginning **Quad** has had a clear concept of the meaning of 'High Fidelity', neatly summed up by the slogan 'for the closest approach to the original sound'.

Quad products recreate the sound of the broadcast or recording with no audible contribution or character of their own.

They are totally transparent, providing the listener with a window on to the concert hall or studio.



Part of the secret of **Quad's** success is that we have always looked for original and better ways of solving the problems of music

reproduction rather than adopt commonplace solutions. **Quad** has always championed an objective and scientific approach to product design ignoring the chimeras of hi-fi fashion conjured up by the necromancers and alchemists of the industry. But there is more to successful design than Ohms law and lashings of common sense. Equipment designed to last forty years has to look and feel right and **Quad** has won as many prizes for design as for technical excellence. **Quad** products are designed to be as small as possible, simple and straight forward to operate because it is hard to maintain the illusion of being at a concert if you are faced with a stack of equipment lit up like an oil refinery.



32 20



91.30 MHz
QUAD

BASS LEFT
STEP
QUAD
BAL
1 2 3 4 5 6 7 8 9 10

ACOUSTICAL
MANUFACTURING COMPANY LTD
HUNTINGDON
SERIAL NO

AY 13 - FAR FIELD - 9M 12

QUAD 376

ACOUSTICAL
MANUFACTURING COMPANY LTD

SCALE 1:152:143
DRAWN: D.F.
CHECKED: J.H.

GZ34



QUAD
bass treble slope
controls filter
cancel 5k 7k 10k

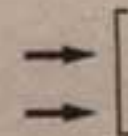
TYPE
TITLE SWITCH LINE

Our customers are the best endorsement for **Quad**. You will find **Quad** amplifiers and loudspeakers in radio and television and recording studio's throughout Europe. You can hear **Quad** customers on the stage and in the pit in concert halls and opera houses and in clubs and bars and cellars around the world every night of the week. Musicians who own **Quad** play everything from synthesizer to sitar. Many are famous, many are not, yet. Not all **Quad** customers earn their living as performers or engineers and you do not have to be a Solti, a Marriner, or a Haitink, to own **Quad**. You just need to share their passion for music.

But it is not only performance which makes them buy **Quad**. It might not seem to make good commercial sense to encourage customers to hang on to equipment made forty years ago, but we take pride in being able to service **Quad** no matter when it was manufactured. The excellence of **Quad** design and manufacture means that **Quad** equipment made in the fifties still easily out-performs the majority of equipment on sale today, so that **Quad** products never die, they just get passed on from generation to generation. Since our standards of design and manufacture are now more exacting than they were then, it is reasonable to expect **Quad** equipment made today to be functioning satisfactorily in 2033.

Quad may not be your first music system, but it could well be your last.

↑ ↑ ↑
Most people believe that hi-fi is manufactured exclusively in the Far East and are happily surprised to learn that **Quad** is more widely sold in Akihabara, the hi-fi Mecca of Tokyo, than in the Tottenham Court Road. On reflection it is not surprising that **Quad** performance, design and reliability should be recognised in every country where music matters.





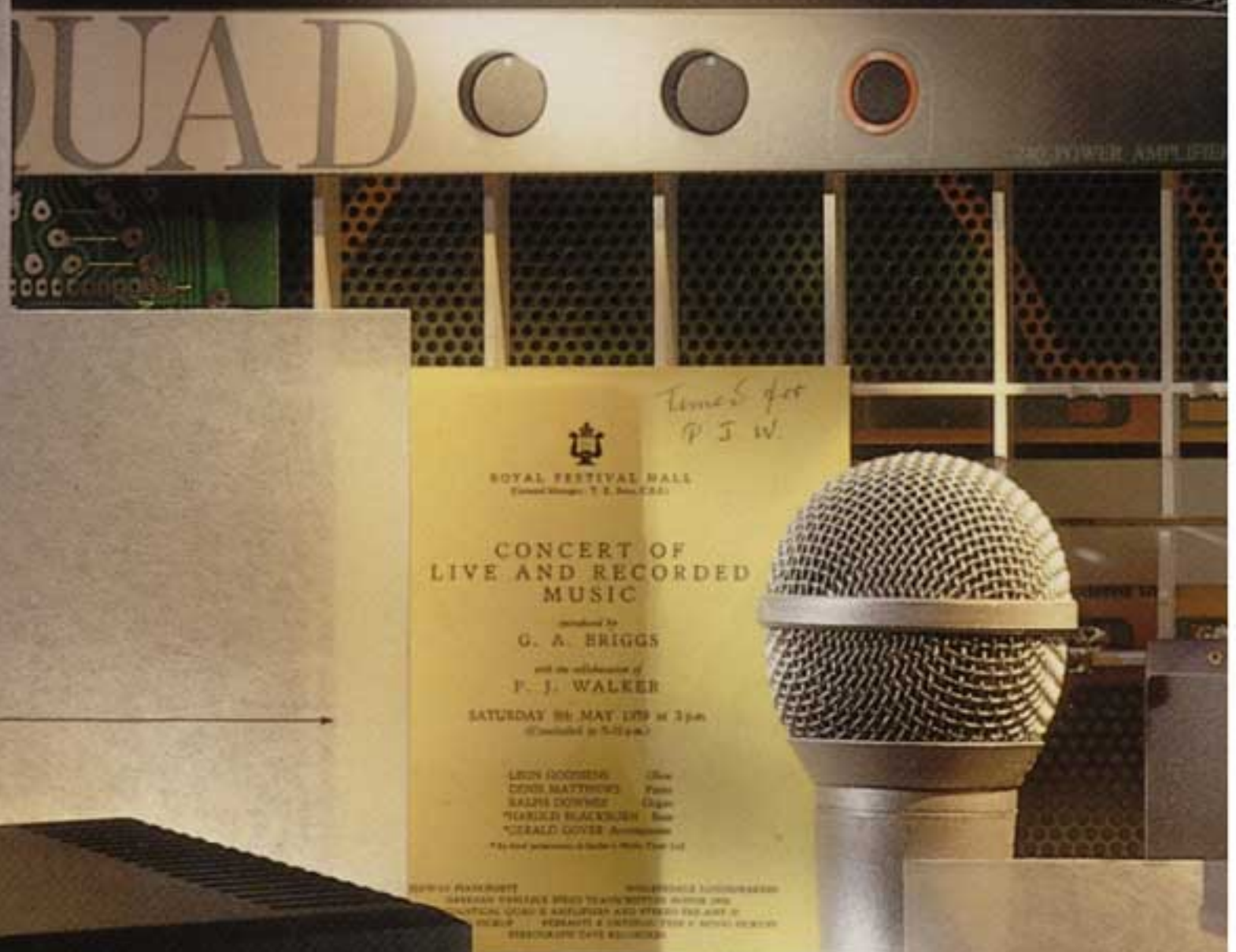
Since the introduction of the world's first full range electrostatic loud-speaker, "Walker's little wonder", in 1957 **Quad** has been the world leader in electrostatic loud-speaker technology. The **Quad ESL-63** uses a virtually massless membrane, one tenth the thickness of a human hair, to produce sound. With no cones and no box it is totally free from the distortions and colourations of conventional box loudspeakers. A loudspeaker which does not sound like a loudspeaker comes as a revelation on first hearing, but once you have become accustomed to them, nothing else will ever do. The **Quad ESL-63** is the reference against which all other loudspeakers are judged.

electrostatic loudspeakers

Full technical details of the range of Quad products are given in the Quad facts and figures brochure.



© 1993 Quad Electroacoustics Limited
 Written by Ross Walker
 Designed by RSCG Conran Design Limited
 Illustration by Andrew Hirniak
 Photography by Peter Marshall
 Colour separations and printing by Chevalier-Holland Printers

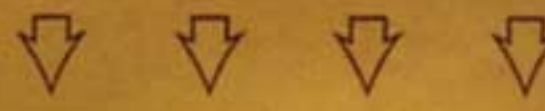


SERIAL No. 52451
 SERIAL No. 52452



In a system subject to only a ... we may take approximately ...

65. The solution of the equation for free vibration, viz. $\ddot{x} + 2\alpha\dot{x} + \omega^2x = 0$...



If the system have at any subsequent ...

$$l_{11}\psi_1 + l_{12}\psi_2 + l_{13}\psi_3 + \dots = \Psi_1$$

suppose that while the ...

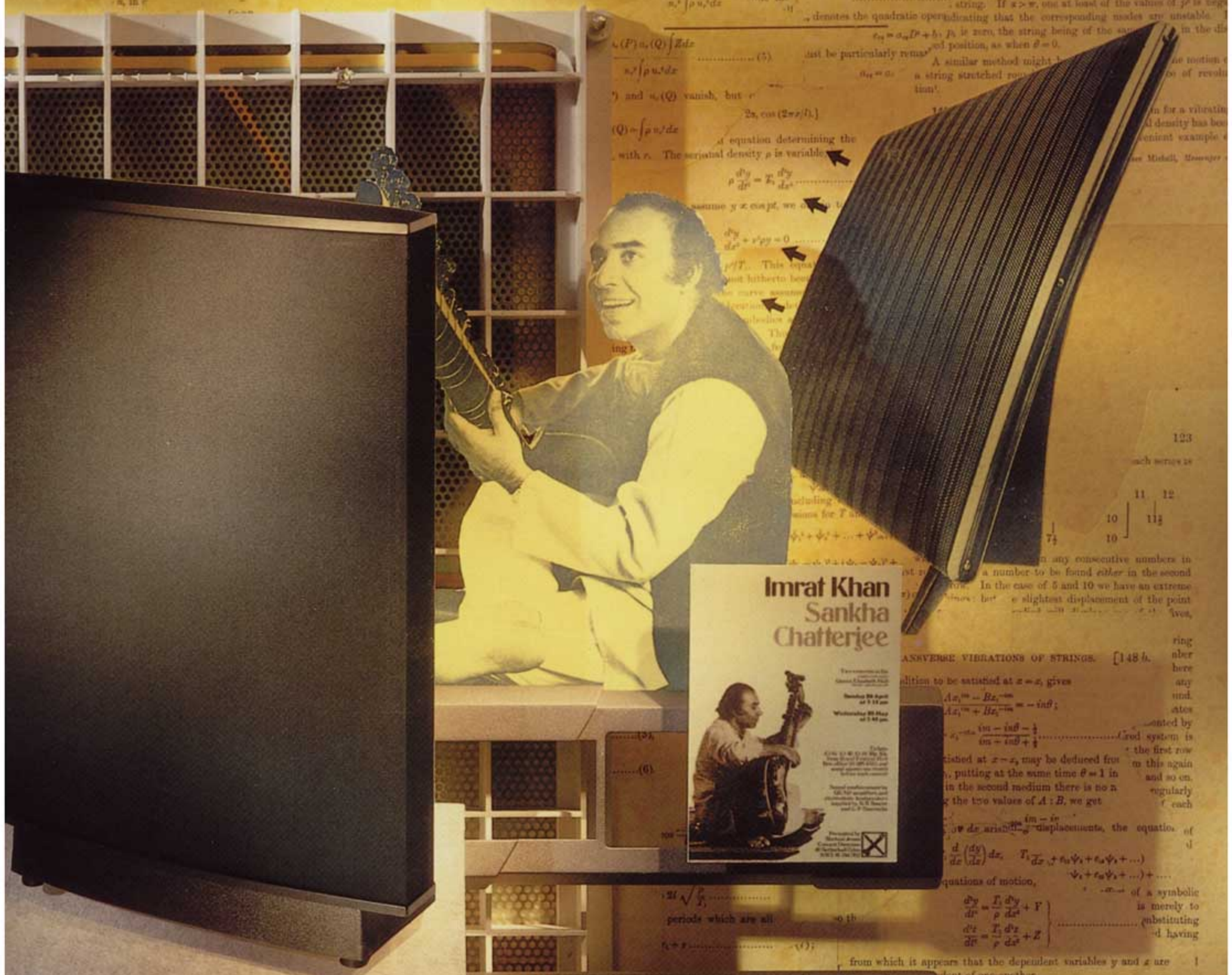
$$u(P)u(Q) \int \rho u^2 dx$$

A equation determining the with x . The serial density ρ is variable ...

$$\rho \frac{d^2y}{dx^2} = \tau_0 \frac{dy}{dx}$$

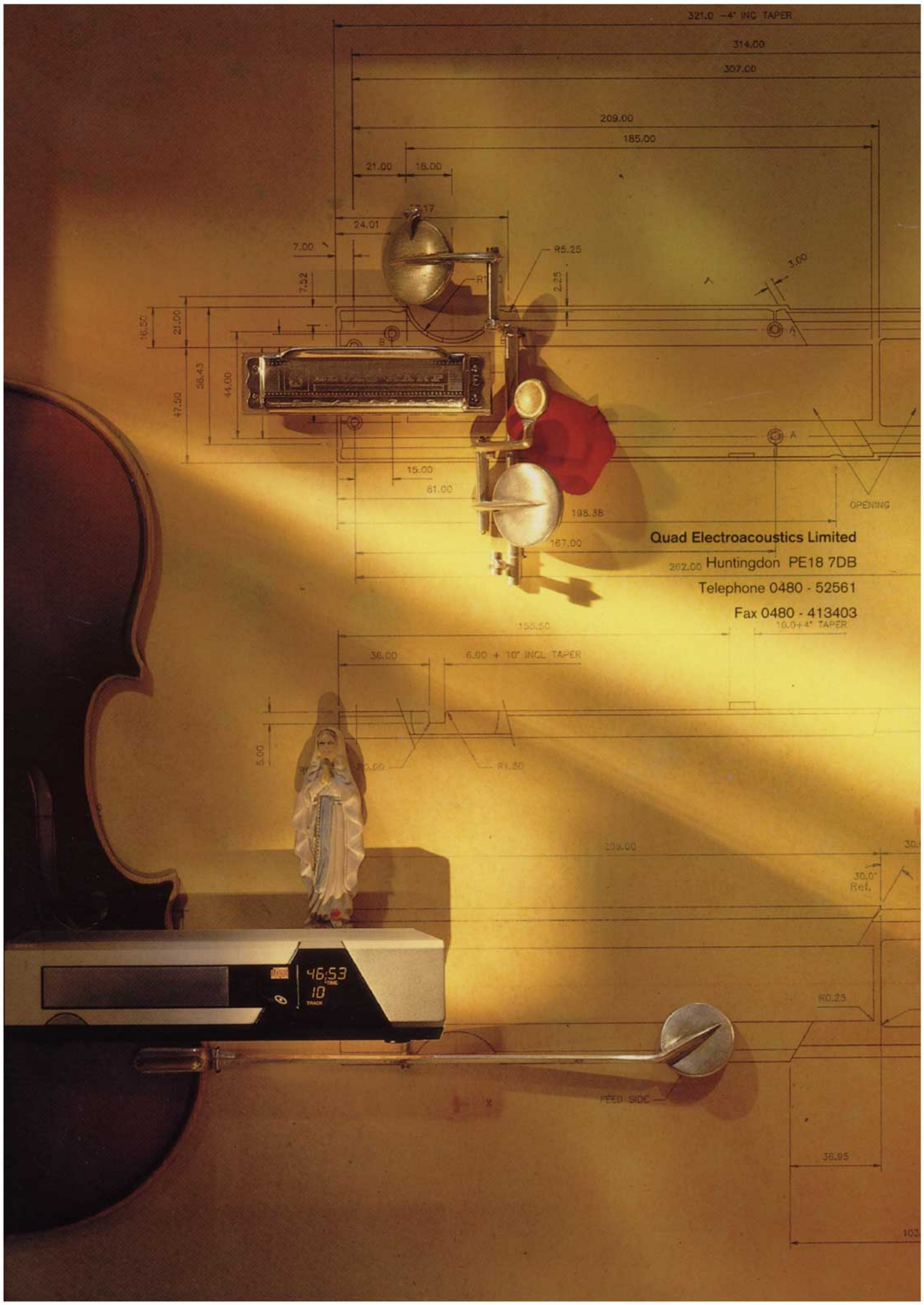
assume $y = x \cos pt$, we ...

$$\frac{dy}{dx} + r' \frac{dy}{dx} = 0$$



Imrat Khan Sankha Chatterjee. Advertisement for a performance featuring a sitar player. Includes a photo of the artist and performance details.

Technical diagrams and equations at the bottom of the collage, including a series of vertical bars, a circuit-like diagram, and mathematical formulas such as $\frac{d^2y}{dx^2} = \frac{\tau_0}{\rho} \frac{dy}{dx} + Y$ and $\frac{dx}{dt} = \frac{\tau_0}{\rho} \frac{dx}{dt} + Z$.



321.0 -4" INC TAPER

314.00

307.00

209.00

185.00

21.00

18.00

24.01

7.00

7.52

R5.25

2.25

3.00

16.50

21.00

56.43

44.00

47.50

15.00

81.00

198.38

167.00

Quad Electroacoustics Limited

282.00 Huntingdon PE18 7DB

Telephone 0480 - 52561

Fax 0480 - 413403

OPENING

155.50

16.0 + 4" TAPER

36.00

6.00 + 10" INCL TAPER

5.00

30.50

R1.50

299.00

30.0

30.0° Ref.

46.53

10

R0.25

FEED SIDE

35.85

103