9   76 dB SPL

25 times higher.
          add   the log change.

   13.98 dB $\longrightarrow$ Intensity difference.

   89.98 dB $\longrightarrow$ Intensity / Pressure at
                                   1m.

$$89.98 \, dB = 2 \times 10 \, \log_{10} \left(\frac{P_x}{ref} \right)$$

$$4.498 = \log_{10} \left(\frac{P_x}{ref} \right)$$

$$31547.866 = \frac{P_x}{ref}$$

$$\underline{0.6380 \, Pa}$$