$$A\cos\left(2\pi f\,\frac{n}{f_s}\right)$$
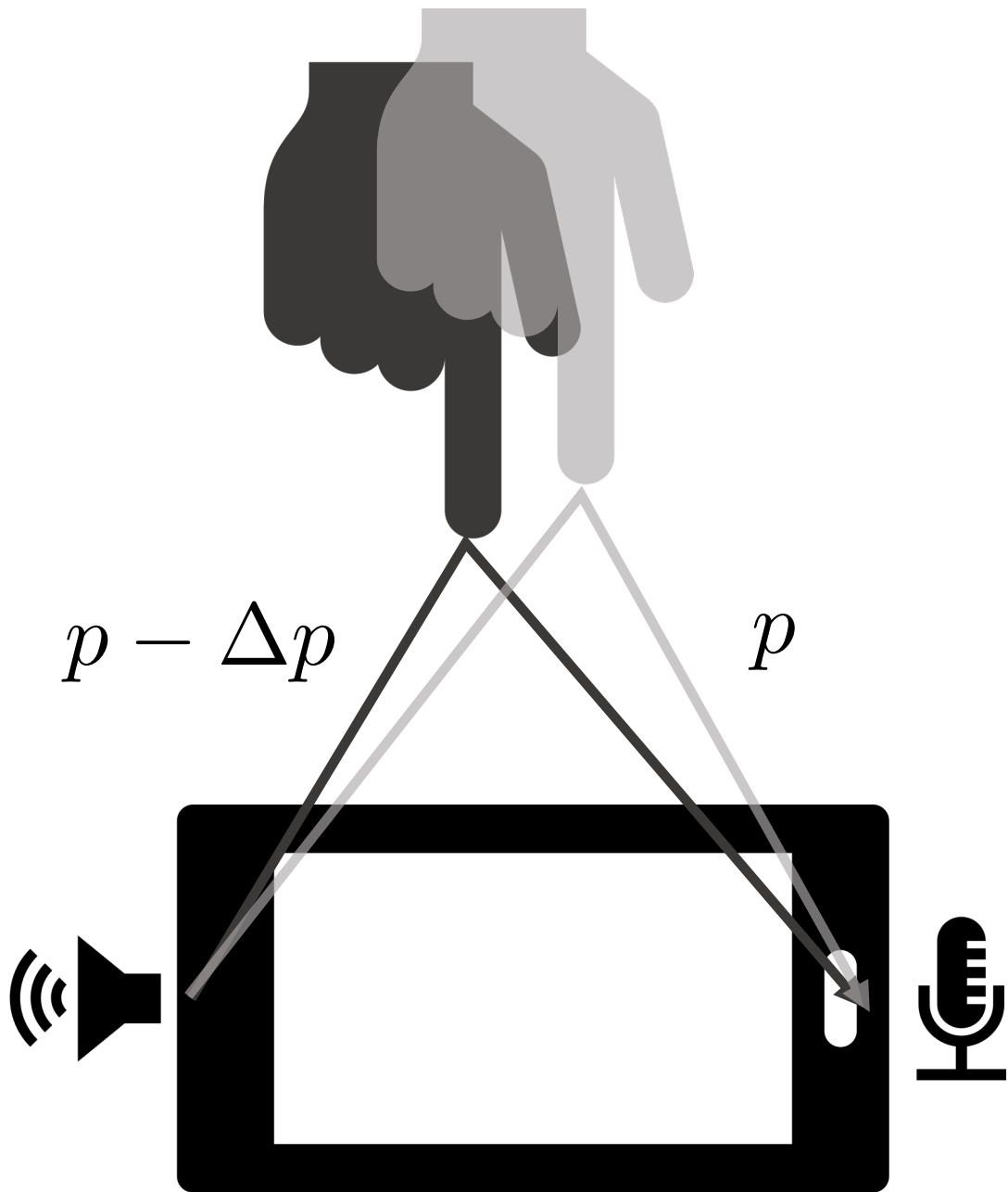
$$p - \Delta p \qquad p$$

$$2A'_p\cos\left(2\pi f\,\frac{n}{f_s} - 2\pi\frac{\Delta p}{\lambda} - \theta p\right)$$