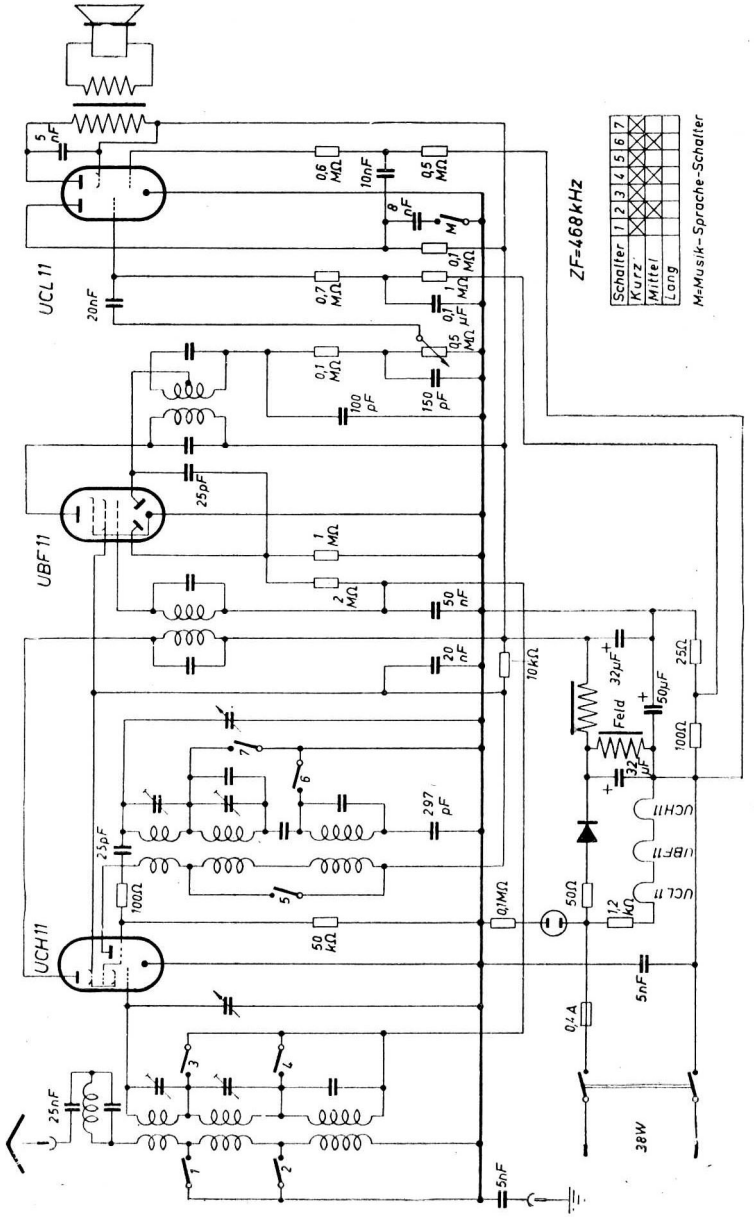Lorenz **4647 GW**